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VEGETABLE VARIETIES



FERRY-MORSE SEED CO. (INC.)

This Vegetable Variety Descriptive List is intended as a guide for seed dealers, growers, and others specializing or otherwise interested in horticulture.

The descriptions herein are based on field observations by our plant breeders (and/or other technical personnel) of plantings grown under normal and typical conditions. It should be recognized that results frequently differ because of dissimilar growing conditions. Thus variations in soil fertility, water, day length, temperature, etc., encountered in different localities may cause deviations from the descriptions in this list. For this reason, Ferry Morse favors the practice of pilot trials as a means of actually observing and measuring the performance of new varieties, or of new strains of known varieties, under local conditions, before any sizeable acreage is committed.

Selection of the varieties included in this list was based on comprehensive analyses of the needs and demands of both our customers and the trade in general. The list will be changed as the wants of our customers change and as our plant breeders research, develop, test, and release for sale new introductions — a responsibility Ferry-Morse takes very seriously.

With only minor exceptions, our seed crops are grown in California, Oregon, Washington and Idaho from carefully controlled foundation stock under the close supervision of our own seed pro-

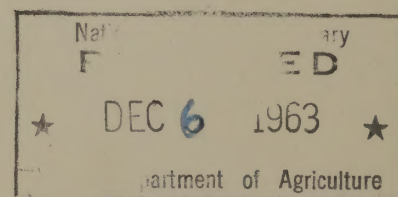
duction technicians. Much of the seed is produced at the Company's 1000 acre ranch at San Juan Bautista, California; the rest is grown under contract by row crop farmers who exercise meticulous control from planting through harvesting.

Only the most modern equipment is used in harvesting, cleaning, and processing, after which all seed crop lots are carefully tested for germination and purity. Only those meeting rigid Ferry-Morse standards are accepted for distribution to warehouses and ultimate sale. Certain varieties known for rapid fall-off in germination or high unit cost are specially processed and packed in airtight containers to assure their longevity.

The following Ferry-Morse warranty, generally similar to warranties of others in the trade, appears on Company packages, letters, and tags:

"We warrant to the extent of the purchase price that seeds we sell are as described by us on our container within recognized tolerances. Our liability, whether contractual or otherwise, is limited in amount to the purchase price of the seeds under all circumstances, and regardless of the nature, cause or extent of the loss. Seeds not accepted under these terms and conditions must be returned at once in original unopened containers and the purchase price will be refunded."

Write or call the nearest Ferry-Morse sales office for price lists.





RESEARCH AND PLANT BREEDING

Nucleus of our plant improvement program is this 1,000 acre irrigated ranch at San Juan Bautista, California. Two or three generations of plants are tried and noted here each year, thanks to a long, mild growing season and a sizeable range of modern greenhouses.

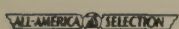
At our Columbus, Wisconsin station (near Racine), we screen promising lines and custom-breed new varieties or hybrids for commercial growers. You are cordially invited to visit either station, July through early September is the best time.

Before new varieties are sold, they are double-checked on satellite farms in New York, the

Tri-State vegetable area, Texas and Florida. This gives us readings under commercial conditions on disease resistance, production, quality, and appearance, and yield.

QUALITY CONTROL

Representative samples from seed lots are planted in performance trial rows and noted for trueness-to-type. We also maintain a strict schedule of renewing foundation stock seed and in-breds from single and/or mass selections. This prevents deviations from the original specifications for varieties or hybrids.



This symbol indicates that the variety is an All America Selections winner.



This symbol, a registered trademark of FERRY-MORSE SEED CO. (INC.), indicates a variety of our development.

* Days to maturity are based on averages of data from our midwestern Research Stations.

Mary Washington 500. Earlier maturing strain of Mary Washington, with large spears, very uniform heads.

Mary Washington 500W. High yielding for market, shipping and processing. Large spears, good uniformity, light green with tight heads. Recommended for Central California. Developed by University of California at Davis

BEANS *Phaseolus vulgaris*
BUSH WAX POD

Variety Name	Days*	Pod Size inches	Pod Cross Section	Pod Color	Principal Adaptability	Seed Color	Disease Resistance
Resistant Cherokee Wax. The standard wax bean shipping variety.	53	6½ x 7/16	Oval	Bright yellow	Home garden, shipping	Black	Common Bean Mosaic, N.Y.15
Kinghorn Wax. The most popular processing variety.	54	6-6½ x 3/8	Round	Golden yellow	Canner, freezer, home	Pure white	
Pencil Pod Wax. An old favorite with attractive pod color.	55	6 x 3/8	Round	Yellow	Home, market	Black	
Pure Gold Wax. ALL-AMERICA SELECTION 7. Bears huge crops on tall, husky plants.	60	6 x 3/8	Round	Golden yellow	Canner, freezer, home	White, light brown eye	Common Bean Mosaic



Tenderbest M.R.



Processor



White Seeded Tendercrop

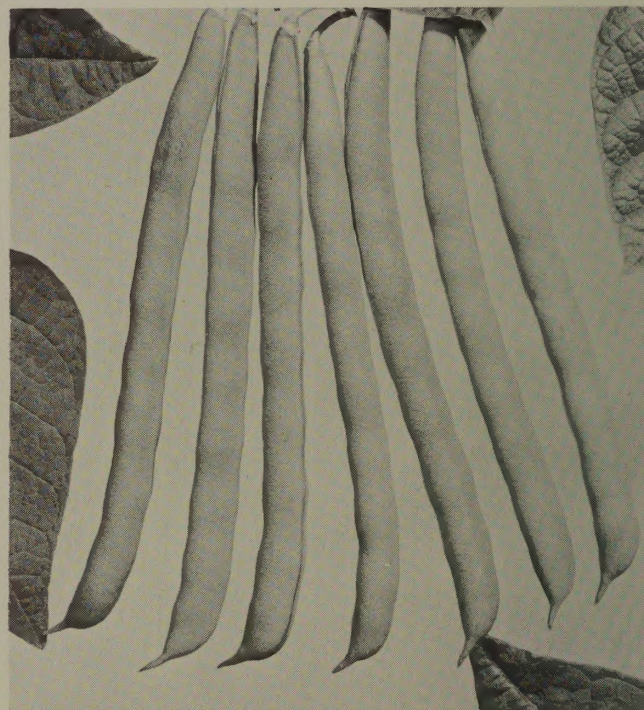
BUSH GREEN POD

Bachicha (<i>Italian Bush</i>). Very flavorful.	70	5½-6 x ½	Broad, flattened	Med.dk. green	Home garden, processing	Brownish red with white eye	
Bountiful. For years the preferred market bean in the northeast. Also processed for french cut beans.	48	6½ x 5/8	Broad, flattened	Light green	Home garden, processing	Tan	
Broad Improved Long Pod (<i>Vicia faba</i>). Very large seeds.	150	10 x 1¼	Broad, thick	Glossy green	Home garden, market	Reddish brown, black eye	
Commodore Improved. ALL-AMERICA SELECTION Distinctive flavor. Pods grow very long but are best eaten when young and tender.	58	6½-7½ x 3/8	Round	Med.dk. green	Home garden, market	Dull reddish purple	
Corneli 14. One of the newer white seeded processing beans, concentrated for mechanical harvesting.	56	5¼-6 x 7/16	Round	Med.dk. green	Processing, market	Pure white	Common Bean Mosaic
Contender. Multiple disease resistance and ability to produce under adverse conditions make this an important fresh market variety. Developed by U.S.D.A. SE Veg. Breed. Lab.	55	6½ x 3/8	Round	Dark green	Home garden, market, shipper	Buff, lightly mottled	Common Bean Mosaic, Powdery Mildew
Dwarf Horticultural. A "shell bean"; pods are stringless when young.	53	5½ x ½	Thick, flat	Dk. green splashed carmine	Home garden, market, green shell	Pinkish buff splashed carmine	
 E3111. Concentrated maturity for mechanical harvesting. Bears pods high on plants.	56	5-6 x 3/8	Slender, oval to round	Med.dk. green	Processing	Pure white	

Variety Name	Days	Pod Size inches	Pod Cross Section	Pod Color	Principal Adaptability	Seed Color	Disease Resistance
Extender. Pods hold up well in shipping and on produce counters. Developed by U.S.D.A.	48	5¾ x 3/8	Round	Dark green	Market, processing	Black	N.Y. 15 Virus & Common Powdery Mildew
Giant Stringless Green Pod. An old favorite garden variety.	53	6 x 3/8	Round	Medium green	Home garden, canning	Glossy yellowish brown	
Greencrop. ALL-AMERICA SELECTION Developed to replace Bountiful. Somewhat later, but pods are better quality and stay in condition longer. Developed by University of New Hampshire.	55	7½ x ½	Broad, flattened	Medium green	Home garden, processing, market	Pure white	
Harter. Recently introduced processor variety with high degree of disease resistance. Developed by U.S.D.A., Beltsville, Md.	54	6 x 3/8	Round	Medium green	Canner	Pure white	N.Y. 15 Virus and Common
Harvester. Multi-purpose variety. Tall plants hold pods high.	53	6 x 3/8	Round	Med.dk. green	Home garden, processing, market	Pure white	1 or more strains of rust. N.Y. 15 Virus and Common
 Processor. Makes a quality white seeded pack. Seeds are small at picking stage. Adapted to mechanical harvesting.	55	5½ x 3/8	Round, oval	Medium green	Canning, freezing	Pure white	N.Y. 15 Virus and Common
Resistant Asgrow Valentine. For shipping and local market.	52	6¾ x 3/8	Oval	Medium green	Market	Black	N.Y. 15 Virus and Common
Slenderwhite. Adapted to mechanical harvesting.	56	5—6	Round	Med.dk. green	Canner, freezer	Pure white	Mosaic Resistant
Slimgreen. Later than Slenderwhite, with darker green pods. Heavy yielding.	60	5½—6 x 3/8	Round	Med.dk. green	Canner, freezer	Pure white	Common Bean Mosaic
Stringless Green Pod (Landreth's). An old variety, not disease resistant. Consider Tenderbest M.R. instead.	50	6 x 3/8	Round	Medium green	Home	Light coffee brown	
Sulphur. Popular in southern Appalachians.	55	5 x 3/8	Round	Med.lt. green	Home	Sulphur yellow	
 Tenderbest M.R. Very vigorous, upright plants bear heavy crops under adverse conditions. Adapted to mechanical harvesting.	54	6½ x 3/8	Round	Medium green	Canner, market, home garden	Purplish, buff mottling	N.Y. 15 Virus and Common
Tendercrop. Developed to replace Tendergreen for processing. Pods slender when mature. Developed by U.S.D.A., Beltsville, Md.	54	5½ x 3/8	Round	Medium green	Freezer, market, home garden	Purple mottled with buff	Pod Mottle, N.Y. 15 Virus and Common Bean Virus
Tendergreen Improved. Longer, smoother pods than regular Tendergreen.	53	6 x 3/8	Round	Dark green	Home, canner, freezer	Purple mottled fawn	Common Bean Mosaic
Tenderwhite. A white seeded bean in the Tendergreen class.	58	5½—6 x 3/8	Round	Med.dk. green	Home, canner, freezer	Pure white	Common Bean Mosaic
Tennessee Green Pod. Preferred bush bean in parts of the south. Pods get stringy when overgrown.	50	7 x ¾	Flat, broad	Dark green	Home	Yellowish brown	
Topcrop. ALL-AMERICA SELECTION One of the earliest disease resistant varieties. Very productive, but pods quickly grow to large sieve size. Developed by U.S.D.A., Beltsville, Md.	52	5½ x 3/8	Round	Medium green	Canner, freezer, market	Brown with buff splashing	Common Bean Mosaic
Wadex. Bred to replace Wade. Very dark green pods. Late, but extremely productive.	60	6 x 3/8	Round	Dark green	Home, canner, freezer	Purple brown	Common Bean Mosaic, N.Y. 15 Virus
White Half Runner. Popular across the south. Young pods are tender. Also grown as a shell bean or for dry white beans.	60	4 x 3/8	Round	Medium light green	Home, market	Pure white	
White Seeded Tendercrop. Pods of this recently introduced variety stay in prime harvest condition longer than most processing beans. Developed by New York A.E.S.	54	5 x 3/8	Round	Medium green	Shipper, processor	Pure white	N.Y. 15 Virus, Common Bean Mosaic, Pod Mottle,

*Days to maturity are based on averages of data from our midwestern Research Stations

Variety Name	Days	Pod Size inches	Pod Cross Section	Pod Color	Principal Adaptability	Seed Color	Disease Resistance
Blue Ribbon. A cornfield bean for the south.	69	5½ x ½	Round oval	Medium green	Home	Buff, brownish stripes	
Dade. Multiple disease resistance for maximum production under hot, humid, southern conditions. Developed by Florida A.E.S.	55	7¾ x 5/8	Flat-tened oval	Medium dark green	Home, market	Pure white	Some rust races, Common Bean Mosaic, Southern Bean Mosaic
Florigreen. Developed to replace white seeded pole types where disease conditions are severe. Developed by Florida A.E.S.	60	8½ x ½	Oval, thick	Dark green	Home, market	Pure white	Some races of rust
Genuine Cornfield. Young pods have exceptional flavor, but get stringy with age.	72	6 x ½	Round	Medium light green	Home	Buff, brown stripes	
 Kentucky Wonder Rust Resistant. The most popular pole bean variety.	67	6 x ½	Round oval	Medium green	Home, market	Buff or brown	Some races of rust



Upper Left - Romano
Lower Left - Morse's Pole No. 191

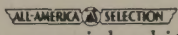
Upper Right - Stringless Blue Lake FM1
Lower Right - Stringless Blue Lake FM1-K

BEANS – POLE
FERRY-MORSE SEEDS

Variety Name	Days	Pod Size inches	Pod Cross Section	Pod Color	Principal Adaptability	Seed Color	Disease Resistance
McCaslan Pole. Old favorite variety, early.	64	7 x 5/8	Flattened oval	Medium green	Home, market	Ivory white	
 Morse's Pole No. 191. Produce buyers like its very long pods.	63	8½ x ½	Thick, oval	Dark green	Home, market	Pure white	Some races of rust
Romano. An old variety, recently "revived" as a freezing bean. Unique, delicious flavor.	70	5½–6 x ¾	Broad, flat	Medium green	Home, freezer	Buff, white eye	
Scarlet Runner. A quick-growing decorative vine. Dark green pods are very good to eat.	90	7 x 5/8	Broad, oval	Dark green	Home, ornamental	Reddish purple, splashed blue-black	
 Stringless Blue Lake FM1. Our first Mosaic resistant Blue Lake bean from which many specialized selections have been made. Still very popular.	63	5¼–5¾ x 3/8	Round	Medium dark green	Canner, freezer, home	Pure white	Common Bean Mosaic
 Stringless Blue Lake FM1-K. A recent selection with somewhat longer pods and darker green color than FM1.	66	5½–6 x 3/8	Round	Dark green	Canner, freezer, home	Pure white	Common Bean Mosaic
 Stringless Blue Lake FM1-L. Earlier than FM1 under northwest conditions, and with better pod color.	63	5¼–5¾ x 3/8	Round	Dark green	Canner, freezer, home	Pure white	Common Bean Mosaic
 Stringless Blue Lake Prime Pak. A selection from FM1 to give more concentrated season of picking. Should eventually replace FM1.	64	5½–6 x 3/8	Round	Medium dark green	Canner, freezer, home	Pure white	Common Bean Mosaic


Henderson Bush Lima

Fordhook Bush Lima
BEANS – BUSH LIMA ("BUTTER BEAN")

Burpee's Improved Bush. Very large, flat pods.	75	5 x 1 1/8	Broad flat	Medium green	Home, market, dry bean	White, greenish tinge
 Fordhook Concentrated C2. More concentrated in season of maturity than 242. Preferred by processors.	71	3½–4 x 1	Broad, plump	Dark green	Freezer, home, market	White, greenish tinge
Fordhook Bush 242.  Short, fat pods, with plump, greenish white seeds. Developed by U.S.D.A., Beltsville, Md.	75	3½–4 x 1 1/8	Broad, thick	Medium dark green	Freezer home, market	Cream, greenish tinge
Henderson Bush. The most popular "baby" lima.	65	3 x 7/8	Broad, short, flat	Dark green	Canner, freezer, home, market	Creamy white
Jackson Wonder Bush. Grows well under difficult conditions. Preferred in parts of of the south.	66	3 x 7/8	Broad, flat	Dark green	Home	Buff, mottled purplish black
Thorogreen Early. Similar to Henderson, except seeds are distinctly greener.	65	3 x 7/8	Broad, flat	Dark green	Home, processing	Greenish white

Variety Name	Days	Pod Size inches	Pod Cross Section	Pod Color	Principal Adaptability	Seed Color
Florida Butter. Known in the south as "speckled butter beans". Bears well in hot weather.	85	3¼ x 7/8	Broad, flat	Medium green	Home, market	Buff, splashed maroon
King of the Garden. Largest of all lima pods and seeds. Tall vines with large leaves.	90	6 x 1¼	Broad, flat	Medium green	Home, market	White
Small White Lima (Sieva). Heavy yields of fresh shelled beans. The best variety for dried limas.	78	3½ x 7/8	Broad, flat	Medium green	Home	White



BEETS

Beta vulgaris

Ferry-Morse canner strains of beets have been reselected to meet processing requirements. Seed is available sized, treated, and decorticated.

LEFT - Detroit Dark Red Ferry's Strain

BELOW - Detroit Dark Red Morse's Strain



Variety Name	Days	Root Shape	Top Length	Top Type	Principal Adaptability
 Select Dark Red B. Bred for tolerance to Downy Mildew and Canker resulting from Boron Deficiency. Adapted to the northwest. Experimental plantings.	65	Round	Medium tall	Medium collar, large blades	Canning
 Select Dark Red C. Larger and more erect tops than Ferry's Strain. Tolerance to Downy Mildew and Boron Deficiency Canker. Adapted to the northwest. Experimental plantings only.	65	Round	Medium tall	Medium collar, large blades	Canning
Crosby's Egyptian (Early Wonder). Standard bunching beet for early market.	60	Shallow globe	Medium tall	Small collar, large red-green blades	Home, market
 Detroit Dark Red Ferry's Strain. The most popular canning and market beet since its introduction in 1892.	70	Full globe	Medium tall	Small collar, erect habit, medium large blades	Canning, market

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Days to maturity are based on averages of data from our midwestern Research Stations.

BEETS

FERRY-MORSE SEEDS

Variety Name	Days	Root Shape	Top Length	Top Type	Principal Adaptability
 Detroit Dark Red Morse's Strain. Shorter tops and greater resistance to Downy Mildew than Ferry's. West Coast and muck growers prefer this strain.	70	Globe	Short	Small collar, medium size blades	Canning, market
 Green Top Bunching. The characteristic green tops are immediately recognizable on produce counters. They have more substance and stay fresh-looking longer than red top beets.	60	Round	Medium tall, erect	Erect habit, small collars, large blades	Home, market
Perfected Detroit. ALL-AMERICA SELECTION Bred for mechanical harvesting. Good quality and shape for small whole beet, sliced or diced pack.	74	Round to short globe	Tall	Vigorous, erect, medium large collar, large blades	Canning
Tall Top Early Wonder. Tall, upright tops, good for greens.	60	Shallow globe	Tall	Vigorous, erect, abundant, large blades	Home, market

RIGHT — Detroit Dark Red Morse's Strain
BELOW — Green Top Bunching



SWISS CHARD (LEAF BEET)

Beta vulgaris, var. cicla

Hybrid or Variety Name	Days	Color	Leaf Type	Ribs
Large Ribbed Dark Green	60	Dark green	Large, smooth to slightly crumpled	Broad, white
Lucullus, Dark Green (<i>Fordhook</i>)	60	Dark green	Large, coarsely savoyed or crumpled	Broad, white

BRUSSELS SPROUTS *Brassica oleracea var. gemmifera*

Hybrid or Variety Name	Days	Sprout Size (inches)	Sprout Type	Plant Type
Catskill. Preferred in northeast. Gaining popularity in South Texas for shipping and freezing.	90	1¼–1½ diameter	Firm, tightly packed	Uniform, dwarf, leaves medium green
Jade Cross F1 Hybrid. ALL-AMERICA SELECTION First F1 Hybrid Brussels Sprouts introduced to seed trade. Heavy production.	90	1½ diameter	Closely packed, firm, exceptionally uniform	Very even, 20" tall, leaves dark green, narrow, long petioles

*De Cicco**Morse's Medium E***BROCCOLI** *Brassica oleracea var. italica* GREEN SPROUTING

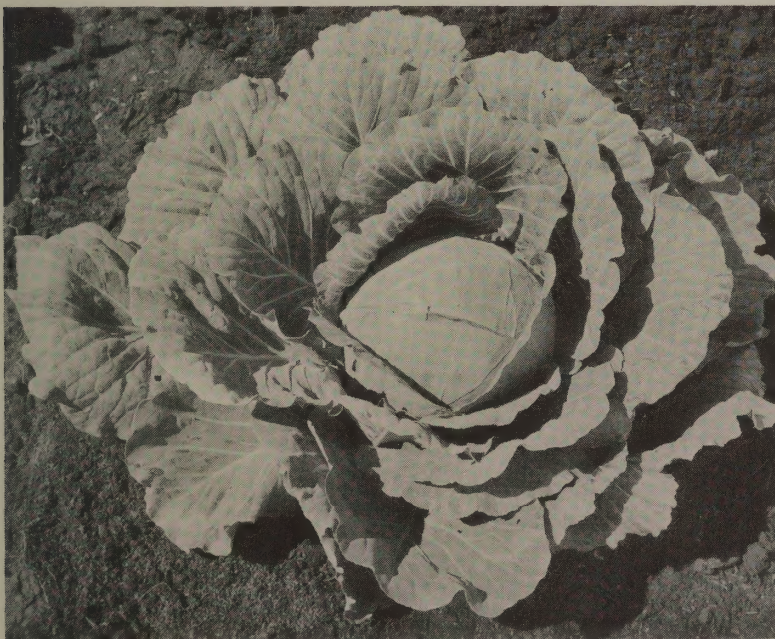
Hybrid or Variety Name	Class	Season	Days	Plant Type
 F1M Hybrid Neptune. Large (7-9 in.), compact heads, slightly crowned. This new F-1 Hybrid is being extensively tried by freezers because of its uniform maturity. Neptune has delicious flavor because Early Purple Head is one of its parents.	Medium	Summer-fall	85 (S)	Medium large (20-26 in.)
De Cicco. Medium large head, light green, compact, close beaded, rather flat. Early and productive. Good side shoots. Especially adapted to east and south.	Early	Spring-summer, fall early	60 (S) 130 (F)	Compact, medium tall (2-3 ft.), light green
 Green Mountain. Large head, compact, dark green. Fine buds. Freezer type, widely adapted, concentrated maturity.	Early	Spring-summer	60 (S) 130 (F)	Compact, medium tall, dark green
 Medium 90. Compact, large, rounded tops, small buds. Used for winter and spring planting in California. Good for freezing and shipping.	Medium (Calif.)	Fall-winter	90 (F) 130 (W)	Tall, branching
 Morse's Early. Used mostly in Southern California. Primary heads are large, compact and deep.	Early (Calif.)	Summer-fall	72 (S) 134 (F)	Medium tall, fairly compact
Medium Late 145. For California plantings. Large, compact heads.	Late (Calif.)	Late summer, fall, late fall	110 (S)	Tall, medium compact
 Morse's Medium. Compact central heads. Laterals will develop after central head harvest. Used mostly on Pacific Coast.	Medium (Calif.)	Summer-fall	90 (S) 142 (F)	Compact (24-30 in.)
 Morse's Medium Late. Primary heads are large and compact. Color is medium dark, bright green. California only.	Late (Calif.)	Late summer, fall, late fall	110 (S) 200 (F)	Tall, compact, vigorous
 Morse's Medium E. Compact, large, slightly flat, small to medium buds.	Medium	Summer-fall	80 (S) 140 (F)	Medium large, medium dark green
 Morse's 4638. Large, compact, uniform. Medium size buds. Our selection from development by Dr. Glen Huber. Has performed very well in the Salinas Valley.	Early-medium (Calif.)	Summer-fall	72 (S)	Small (24-26 in.)
 Morse's 9392. Large, compact. Small to medium size buds. A Northwest Waltham type, similar to No. 4638. Used in the Pacific Northwest.	Medium	Early medium Summer-fall	75 (S)*	24-26 in. height
Waltham No. 29. Compact, dark blue-green. Small buds, medium large head, well rounded. Adaptation: East Coast and Pacific Northwest. Even, concentrated maturity. High yielding. Widely used for freezing and market. Developed by Mass. A.E.S.	Medium	Late summer, fall, late fall	80 (S) 135 (F)	Dwarf, compact, 18-22 in. Big side shoots.
 Topper 41. Large, compact, well rounded. Buds small, dark green.	Medium	Late summer, fall, winter	87 (S)	Large, erect (30-36 in.)
 Topper 43. Large, compact. Buds small, dark green.	Medium	Late summer, fall	80 (S)	Medium large (24-28 in.)

CABBAGE *Brassica oleracea* var. *capitata*
EARLY

FERRY-MORSE SEEDS

Hybrid or Variety Name	Days	Planting Season	Plant Type	Head Type	Average Diameter (inches)	Pounds
Charleston or Large Wakefield Y.R. Used in south and southeast for home and market garden. Heads too loose for distance shipping.	71	Spring and summer	Vigorous, hardy	Large, heartshaped (conical)	6½	4¼
Copenhagen Market Early. Used for shipping and early market.	66	Spring	Small, compact	Round	6-6½	3
Early Jersey Wakefield Y.R. Early, uniform, slow bolting but cracks easily. Good early home and market variety.	62	Spring	Upright (10-15")	Large, conical, pointed and dark green	5	2-3
 F₁M Hybrid, King Cole. A new F ₁ hybrid with exceptional uniformity. Could be classed as an early, large, firm Copenhagen Market type. Seed parent selected from material furnished by Dr. Henry M. Munger, Cornell. Suitable for fresh market and early kraut.	66	(Early - 2nd early) spring, summer	Medium, vigorous, compact	Slightly flattened globe	7-8	4-6
Golden Acre. Heads uniformly round. Used for early market and shipping.	66	Spring	Compact, small	Round	6-6½	3
Golden Acre 5L. Slow bolting, very early Copenhagen type. Can be planted at close spacing. Used mostly in California.	65	Spring	Small (11"), short stemmed	Round, firm, grey-green	6-6½	3
Red Acre. Earliest of the red cabbages. Stands well without splitting.	74	Spring, summer, fall	Small, compact	Round, hard	6½	5
 Resistant Detroit, Y.R. A resistant Golden Acre type with slightly larger plant and coarser, more open leaves, slightly larger head. Slower bolting heads hold better than Golden Acre.	68	Spring	9-12", medium small, short stemmed	Small, round	6-7	3½
Resistant Golden Acre Y.R. Suitable for close planting.	63	Spring	Small	Round, compact	5½-6	2¼-4

Y.R. - Resistant to Cabbage Yellows, a soil-borne disease.



King Cole

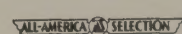


Badger Ballhead Y.R.

EXPLANATION OF SYMBOLS



The "hand and seedling" denotes a variety or hybrid developed and introduced by Ferry-Morse Seed Co. This trademark was first registered by us in 1941. Its use by other parties is prohibited.



This symbol, the official seal of the All America Selections Committee, distinguishes a variety or hybrid awarded either a Gold, Silver, or Bronze Medal. One of the 26 A.A.S. trial grounds is at our Research Station at San Juan Bautista.

CABBAGE

MIDSEASON

FERRY-MORSE SEEDS

Hybrid or Variety Name	Days	Planting Season	Plant Type	Head Type	Average Diameter (inches)	Pounds
Badger Market (Y.R.). Developed by Dr. J. C. Walker (Univ. of Wisc.) and U.S.D.A. Plants compact, suitable for close planting. A good second planting variety. Smaller, refined version of Racine Market. Heads hold well, have short cores and good quality. Good for muck soils and upland.	70	(2nd early) Spring, summer	9-10" tall, small, short stemmed	Dark green, small, round, solid	5½-6½	2½-3
 Bonanza. Used for shipping and market. Slow bolting, holds well without cracking. Hard heads, short cores.	75	Spring, summer, fall	Medium large, broad, short stemmed	Almost round, very firm	6½-7	4
 Ferry's Round Dutch. Slow bolting, wintered over in south. Widely used for market and shipping. Widely adapted.	71	Early, med. early	10-12" tall, small, compact, short stemmed	Round, firm	7½-8	4½-5
Globe Y.R. Developed at the Univ. of Winconsin by Dr. J. C. Walker. High quality. Used for early kraut, market and shipping.	80	Summer, fall	Large, spreading vigorous	Round, solid	8½-9	6½-7

 **Greenback Y.R.** For market and shipping. Distinctive, ruffled leaves. Resists bolting. Superior quality, stands cold weather and packs well. Very popular.

Y.R. - Resistant to Cabbage Yellows, a soil-borne disease.

Days to maturity are based on averages of data from our midwestern Research Stations.



Greenback Y.R.

 Greenback Y.R.	74	Spring, summer, fall	Compact, dark green, short stems	Dark green, nearly round, firm	7-7½	5-5½
Marion Market Y.R. Developed at the Univ. of Wisc. by Dr. J. C. Walker. This is a Y.R. strain of Copenhagen market, adapted for main crop and kraut. Heavy yielding.	72	Summer	12-16" tall, medium large, somewhat erect, short stemmed	Round, firm	6½-7	4-6
 Midseason Market. Midseason market and kraut variety.	76	Summer	Large, vigorous, upright, short stemmed	Large, round, hard	8½	7
 Resistant Glory Y.R. Especially good for kraut.	77	Summer, fall	Large, spreading	Round	8½	6½
Round Red Dutch. Medium early shipping variety similar to Red Acre but slightly larger and later. Excellent quality, very deep red color.	80	Summer, fall	Medium, large	Almost round, hard	6	4

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CABBAGE MIDSEASON

FERRY-MORSE SEEDS

Hybrid or Variety Name	Days	Planting Season	Plant Type	Head Type	Average Diameter (inches)	Pounds
 Slow Bolting Green, Early. Adapted to West Coast and Alaska. Slow bolting under shorter day conditions.	90	Fall planting for spring harvest	Medium large	Round	8	8-10
Stein's Flat Dutch. Good market and home variety.	95	Fall	Medium, compact vigorous	Flat, solid	11	8-10
Succession. Largest of the second early "drum-head" cabbages. Good keeper.	84	Late summer, fall	Medium, short stem	Large, solid drum-head	9-10½	8½
Wisconsin All Seasons Y.R. Developed at the University of Wisc. by Dr. J. C. Walker. Heads thick and solid. Used for kraut and storage.	90	Summer, fall	11-14" tall, medium large, slightly coarse.	Large, flattened drumhead	10-11	9½-10



Resistant Glory

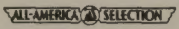
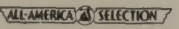


Savoy Chieftain



Ferry's Premium Late Flat Dutch

LATE

Badger Ballhead Y.R. Developed by Dr. J. C. Walker, Univ. of Wisc. and U.S.D.A. Popular for market and shipping. Also used for kraut. Tolerant to some Mosaic viruses.	100	Late summer, fall	Compact, medium short stem	Blue-green, nearly round, solid	6½	5-6
 Ferry's Hollander. For over 60 years a leading late cabbage. Heads firm up while small.	105	Late summer, fall	Medium size, compact, erect, short stemmed	Nearly round, hard	7	6½
 Ferry's Premium Late Flat Dutch. Heavy yielding market and kraut type. The standard large, late, flat cabbage.	100	Fall	12-16" tall, large, broad, spreading, short stemmed	Very large, flat, solid	12	12
Glory of Enkhuizen. Used for market and kraut.	76	Summer, fall	Vigorous	Globular, firm	8½	6½-7
 Mammoth Rock Red. Largest and best of the late red cabbages. Stores well. Deep purple-red color.	90	Fall, winter	14-20" tall, large, broad, semi-spreading	Flattened globe	8-9	7-8
 Oakview Ballhead. For kraut. Stores well.	110	Fall	Medium, tall stem	Deep, round, solid	6-8	6-8
Penn State Ballhead.  Developed by Dr. C. E. Meyers, Penn State. Grown for late crop, kraut and market. Distinct bluish-green leaves. A good keeper. Differs from most other Danish Ballhead and Hollander strains in having an elliptical head.	100	Summer, fall	12-16" tall, medium, slightly long stemmed	Very firm	8½	7-8
 Savoy Chieftain.  Widely adapted. Heads firm, stands well. Excellent quality. Best of the savoy types, densely curled and bluish-green.	88	Summer (main crop)	12-15" tall, medium, short stem	Large, slightly flattened at base, savoy	8-10	5
 Slow Bolting Green, Late. Pacific Coast market type.	90-95	Summer, fall, winter	Medium size	Round, solid	8	10-11
Wisconsin Ballhead Improved Y.R. Good keeping qualities. Used for shipping and kraut.	100	Fall	Vigorous	Globe to flattened globe	8	7½-8

Variety Name

Days

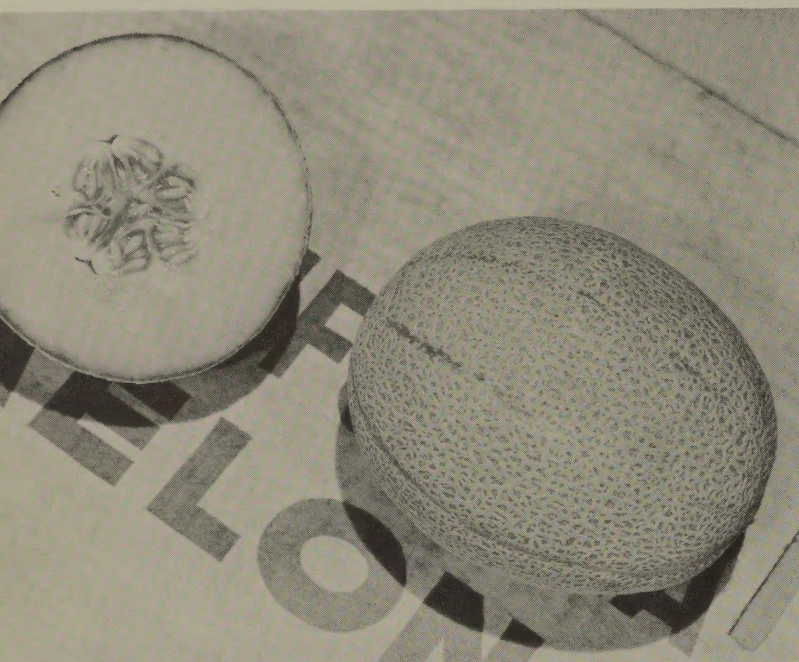
Shape

Height

 **Michihli.** Sure heading. Hearts well blanching, crisp and tender. Outer leaves dark green.

70

Tall, cylindrical with tapered tip

18-20" in height
4" diameter

Resistant 45



Floridew

CANTALOUPES AND MELONS *Cucumis melo*

ORANGE FLESH

Hybrid or Variety Name	Days	Size	Weight	Rib	Net	Flesh Color
Crenshaw (Melon). Requires special handling and packing for long distance shipping. Cavities small. Requires very long season.	110	8-10" L* 6-7" D*	7-9 lbs.	Skin slightly corrugated. Yellow-green when mature	None	Salmon pink
Edisto. Resistant to Powdery Mildew, Alternaria, Leaf Spot and tolerant to Downy Mildew. Cavities medium large. Developed by Clemson College, S.C.	95	7" L, 6" D	4½ lbs.	Ribbed	Heavy, fairly close	Deep, rich salmon
Florida No. 1. Resistant to Downy Mildew and moderately resistant to Powdery Mildew. Developed by Florida A.E.S.	95	6-8" L, 5-7" D	2¼-4 lbs.	Absent	Fine	Orange
Florisun. Resistant to Downy Mildew and moderately resistant to Powdery Mildew. Developed by Florida A.E.S.	90	6-8" L, 5-6" D	2½ lbs.	Deep	Medium to coarse	Orange
 Gold Cup 55. Exceptionally small cavity. Tolerant to Powdery Mildew. Retains good appearance and flavor in shipping.	82	5¼" L, 6¼" D	2¾-3¼ lbs.	Little	Heavy, solid	Salmon pink, very thick
 Golden Gate 45. Local and long distance shipping. Long shelf life. Small cavities and firm flesh. Good flavor.	90	5¼" L, 5" D	2½-3 lbs.	None	Solid, high	Salmon orange
Hale's Best Jumbo. Home and local market. Medium size cavities.	86	6½-7" L, 5½-6" D. long oval	3½-4 lbs.	Ribbed	Solid	Salmon orange
Harvest Queen. Home and local market use. Cavities large. Adapted to all except extreme northern, short season areas.	90	7" L, 6" D short oval	3½ lbs.	Ribbed. Skin yellow when mature.	Open, coarse	Deep orange

(L) Length

(D) Diameter

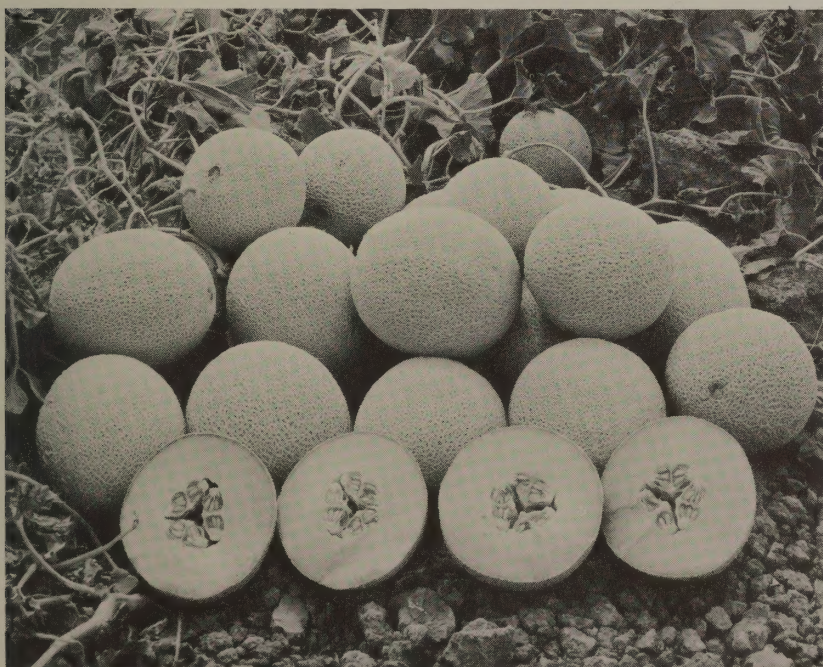
CANTALOUPE AND MELONS

ORANGE FLESH

Variety Name	Days	Size	Weight	Rib	Net	Flesh Color
Honey Rock Fusarium Resistant. Home and local market use. Cavities medium size.	85	5-5½" D Nearly round	3 lbs.	Ribbed	Open, coarse	Deep salmon
Iroquois. Home and local market. Cavities medium size. Resistant to Fusarium. Developed by Cornell University.	90	6½-7" D Nearly round	4 lbs.	Ribbed	Coarse	Deep orange
Persian (small type). Adapted to California's long season growing conditions. Cavities small. Distinct from cantaloupes.	115	6-8" D Globular	6 lbs.	None	Flat, fairly close	Bright orange
Resistant No. 45. Shipping use. Cavities small. Flesh firm and sweet. Resistant to one race of Powdery Mildew. Developed by U.S.D.A.	87	5½-6" L 6" D	2½-3 lbs.	Ribbed slightly	Close, high	Salmon
 S.R. 91 (Sulphur Resistant). Shipping use. Cavities small. High sugar. Resistant to sulphur burn.	90	6-6½" L 5½" D	3 lbs.	Ribbed	Close, high	Orange salmon
 S.R. 91 Small Fruited (Sulphur Resistant). Similar to regular S.R. 91 except slightly smaller fruit and somewhat earlier.	87	5-6" L 5" D	2½-3 lbs.	Ribbed	Close, high	Orange salmon
U.S.D.A. No. 6. Resistant to Powdery Mildew. Used in Texas.	100	5½" L, 5¼" D	2¾ lbs.	Slight	Heavy	Salmon
U.S.D.A. No. 5. For shipping. Resistant to Powdery Mildew. Used in Mexico.	92	6" L, 5¼" D	2½ lbs.	Slight	Fair	Salmon
Wescan. Excellent vine. Large cavities. Firm flesh. Only fair quality. Developed by Texas A.E.S.	87	5½-6" L 5½" D short oval	2½-3 lbs.	Ribbed	High, coarse, open	Deep orange salmon

GREEN FLESH MELONS

Casaba, Golden Beauty. California exclusively. Shipping and storage melon. Skin golden yellow. Cavities small. Flesh thick and juicy.	115	7" L, 6-8" D	7½ lbs.	Corrugated skin	None	Thick, white
Floridew. Resistant to Downy Mildew and moderately resistant to Powdery Mildew. Developed by Florida A.E.S.	110	5-8" L 4-7" D	4-5 lbs.	Fairly smooth	None	Light green
Honey Dew, Green Fleshed. Local market and long distance shipping. Medium size cavities. Good keeper. High sugar.	110	7-8" L, 6½" D Short oval	6 lbs.	Smooth skin	None	Light green



ABOVE — Golden Gate 45

RIGHT — Gold Cup 55



Days to maturity are based on averages of data from our midwestern Research Stations.

Variety Name

Days

Length

Diameter

Shape

Tops



Chantenay Red Cored 7317. Widely adapted. Produces heavy tonnages of large, good quality roots.

70-72

5½-7½"
140-1901 7/8-2½"
48-64

Heavy, wide shoulder, stumped (blunt tip)

38-46
15-18" erect, abundant, dark green

Danvers 126. Processing type with good interior color. Heavy crown. Heavy yielder. Good for canning and freezing.

75

7-8½"
178-2161¼-2¼"
44-57

"Danvers type" with slightly heavier shoulders, somewhat stumped.

Long, strong, somewhat heat resistant



Gold Pak. ALL-AMERICA SELECTION Shipping carrot, with or without tops. A.A.S. winner. Fine quality. Holds well without becoming coarse. Smooth, excellent color, small core.

77-80

8½-10"
216-2547/8-1¼"
22-32

Slender, almost cylindrical

Short, dark green, strong attachments

Imperator Long Type. Flesh is rich orange yellow. Roots are slim, long and smooth. For shipping.

77

10"
2541½-2"
38-51

Long, slender, tapered

Medium tall



Long Imperator 58. Widely adapted, is replacing Gold Pak as standard shipping and cello-pak carrot. Small core, deep color.

75

8-9¾"
203-2481-1¼"
25-44

Long, slender, slightly tapered

Short, dark green, vigorous

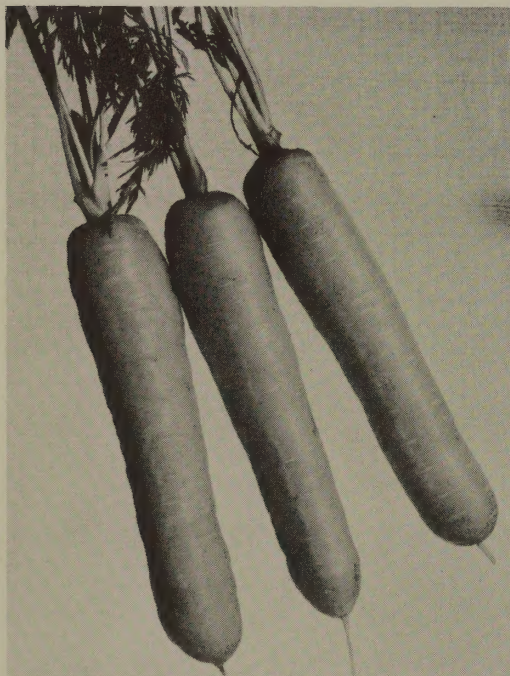


Nantes, Strong Top. Good for bunching, processing and home garden. Unmatched for flavor.

68-70

6-7"
152-1781¼"
32

Cylindrical, blunt

23-28
9-11", sparse, medium dark green

ABOVE:

Left - Nantes Strong Top
Center - Long Imperator 58
Right - Danvers 126

LEFT:

Gold Pak

RIGHT:

Chantenay Red Cored 7317



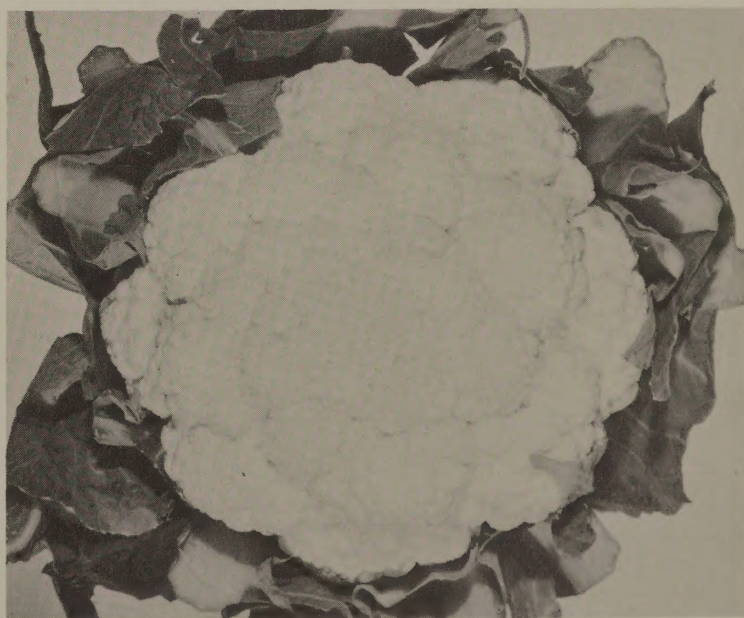
Variety Name	Days	Head Size	Plant Size	Heads
 Early Snowball A (<i>Super Snowball</i>). Uniform maturing. Requires prompt harvest.	55	6"	Medium	Medium deep, smooth, white
Helios . Adapted to late fall-early winter planting for spring harvest in mild climates.	74	6"	Large	Smooth, white, fairly deep
 Mayflower . Slightly more vigorous plants, slightly larger heads than Snowball Y. Adapted to late fall planting for spring harvest in coastal areas of California.	70	6-6½"	Medium to large	Large, deep, smooth, Snowball quality
 Snowball E . Early, uniform maturing. Popular in eastern states.	60	6"	Medium	Smooth, white, deep
 Snowball F . Excellent quality, Uniform maturity.	64	6"	Medium large	Smooth, deep, white
 Snowball M . Early, uniform maturity.	62	6"	Medium	Smooth, white, firm
 Snowball X (<i>Snowdrift</i>). Excellent quality.	64	6"	Medium large	Large, deep, smooth, white
 Snowball Y . Excellent quality. Uniform maturity.	68	6-6½"	Medium to large	Large, deep, smooth, white
 Snowball 421 . Should be planted only late fall and early winter in mild climate areas for spring harvest	74	6"	Large	Smooth, white, Snowball quality



ABOVE — Trimming Cauliflower
RIGHT — Snowball M

We warrant to the extent of the purchase price that seeds we sell are as described by us on our container within recognized tolerances. Our liability, whether contractual or otherwise, is limited in amount to the purchase price of the seeds under all circumstances and regardless of the nature, cause or extent of the loss. Seeds not accepted under these terms and conditions must be returned at once in original unopened containers and the purchase price will be refunded.

Days to maturity are based on averages of data from our midwestern Research Stations.



CAULIFLOWER

WINTER VARIETIES FOR MILD CLIMATE AREAS

FERRY-MORSE SEEDS

Variety Name	Days	Head Size	Plant Size and Color	Heads
 April. Well adapted for spring harvest.	180	6-6½"	Large, erect, dark olive green	Deep, white, smooth
 Christmas (January). A "Pearl" type. Requires prompt harvest.	120	6-6½"	Large, 32-36", dark green	Large, smooth, white
 Early April. Similar to April. A few days earlier.	175	6"	Large, erect, leafy, dark green	Large, smooth, white
 February	130-140	6-6½"	Large, bluish green	Large, fairly smooth
 March Early (St. Valentine). Excellent quality.	145-150	6½"	Medium large, medium dark green.	Large, smooth, white
 November - December. A satisfactory late fall-early winter strain.	95-100	6-6½"	Large, blue-green	Deep, white, smooth

CELERY *Apium graveolens var. dulce*



Tall Utah 5270-H



FM-D5



Pascal 259-19

GREEN VARIETIES

Variety Name	Days	Color	Plant Ht. (Overall)	Rib Length (Butt to Joint)	Head Shape	Disease Resistance
 Compak 2. Adapted to long or short days.	90	Deep green	23"	10"	Cylindrical and compact	Boron and Magnesium Deficiencies, Western Celery Mosaic tolerant
 Florimart. Developed for Florida.	90	Medium deep green	17-18"	9-11"	Cylindrical & fairly compact	Tolerant to Cercospora
Florida 683. Developed by Florida A.E.S.	90	Medium deep green	22"	11"	Cylindrical & compact	Boron Deficiency
 FM-D5. Performs best in long days.	90	Very deep green	24"	10"	Slightly open	Boron and Magnesium Deficiencies, Western Celery Mosaic tolerant
 Pascal 259-19. Slow to bolt.	85	Deep green	19"	9"	Slightly open	Boron and Magnesium Deficiencies
 Slow Bolting Green No. 12. Very slow to bolt. Broad stemmed.	85	Medium green	18"	9"	Cylindrical and compact	Boron Deficiency
 Tall Utah 52-70. Standard variety throughout U.S. Very wide adaptation.	90	Medium deep green	23"	11"	Cylindrical & very compact	Boron Deficiency, Western Celery Mosaic tolerant



Harvesting celery at A. Duda & Sons, Lake Jem Farm, Florida

GREEN VARIETIES

Variety Name	Days	Color	Plant Ht. (Overall)	Rib Length (Butt to Joint)	Head Shape	Disease Resistance
 Tall Utah 52-70H. Adapted to Southern California.	90	Medium deep green	23"	11"	Cylindrical and very compact	Boron Deficiency, Western Celery Mosaic tolerant
 Utah 15. Adapted to the Pacific Northwest.	100	Very deep green	20"	9"	Cylindrical	Boron Deficiency

YELLOW VARIETIES

 Golden Detroit (Dwarf Golden Self-Blanching). Well adapted to any area in U.S.	85	Medium yellow	18"	8"	Cylindrical and compact	
 Tall Golden Self-Blanching	80	Light yellow	17"	7"	Cylindrical & slightly open	

PACKET SEEDS AND LAWN GRASS SEEDS

Ferry-Morse Seeds in packets for home gardeners are known all over the world. In 1856 D.M. Ferry founded our Company in Detroit. When C.C. Morse began growing seeds in California in 1877, many of his crops were sold to Ferry. In 1930 the two companies merged.

Generations of gardeners have relied on our seeds, purchased from displays in retail stores. Ferry-Morse seed packets are filled and shipped from our modern,

air-conditioned, 240,000 sq.ft. plant in Fulton, Kentucky.

If you are a seed dealer with considerable walk-in trade, let us help you work out an assortment of vegetable, flower, and herb varieties for the climate and soil of your area. Our warehouses carry stocks of Ferry-Morse formula blends of lawn grass, and straight grasses such as bermudagrass, rye grass, and Kentucky Bluegrass.

Asparagus or Catalogna (*Radichetta*). Rapid growing annual very popular for early greens. Leaves and flower shoots tender, with faint asparagus flavor. 65 days. True cut-leaved, fibrous rooted plant with dandelion-shaped leaves.

COLLARDS *Brassica oleracea var. acephala*

Georgia Southern or Creole. Tolerant to extremes of hot or cold weather. Plants are 2–3 ft. high, erect with large, slightly crumpled leaves. 75 days to cutting stage.

*Left – Georgia Southern
Right – Vate's Strain*

Vate's Strain. Winter hardy, long standing. Plants are rather low growing (1½ to 2 ft.) with large, dark green, coarsely crumpled leaves. 75 days to cutting. Developed by Virginia Truck Exp. Station.



SWEET CORN *Zea mays var. saccharata*

OPEN-POLLINATED, YELLOW

Hybrid or Variety Name	Days	Plant Height (inches)	Height to Ear (inches)	Ear Length (inches)	Ear Shape	Row Count	Resistance to Stewart's Wilt
 Ferry's Golden. Home garden type with distinctive flavor.	80	72	22	7	Slight taper	12	
Golden Bantam, Early. An old favorite now largely replaced by early hybrids such as Goldcrest.	70	58	16	7	Slight taper	8	
Golden Bantam. Home garden type with small ears.	76	60	18	6½	Slight taper	8	
Golden Sunshine. Home garden type, now largely replaced by second-early hybrids.	72	72	22	7	Slight taper	10–12	
Orchard Baby. Very early, high quality home garden type.	62	48	12	4½	Slight taper	10–12	

OPEN-POLLINATED, WHITE

Country Gentlemen. Tall stalks. Irregular rows of "shoe-peg" kernels.	100	84	36	7–8	Medium taper	Irregular	Yes
Stowell's Evergreen. Home garden type introduced about a century ago.	98	98	38	7–9	Medium taper	16–20	Yes

SWEET CORN – WHITE HYBRIDS

Cogent Illinois 13. Standard "shoe-peg" processing type.	98	84	26	7–8	Medium taper	Irregular	Yes
Stowell's Evergreen Hybrid. Leading white hybrid for home garden and market.	96	96	36	8–8½	Medium taper	18–22	Yes
White Cross Bantam. Fine quality white version of Golden Cross Bantam.	88	80	24	8¼–8½	Slight taper	14–16	Yes

FLOWER SEEDS

Growers of bedding plants can get strong growing seeds of the newest hybrids and All-America Award winners from Ferry-Morse. Dealers rely on us for bulk seeds of our popular developments, including Cuth-

bertson Sweet Peas, Arcadia Pansies, State Fair tetra giant Zinnias, Rosie O'Day Sweet Alyssum, Old Mexico Zinnias, F₂ First Ladies Snapdragons, and F₂ Happy Talk Petunias. Write for beautifully illustrated catalog.

SWEET CORN

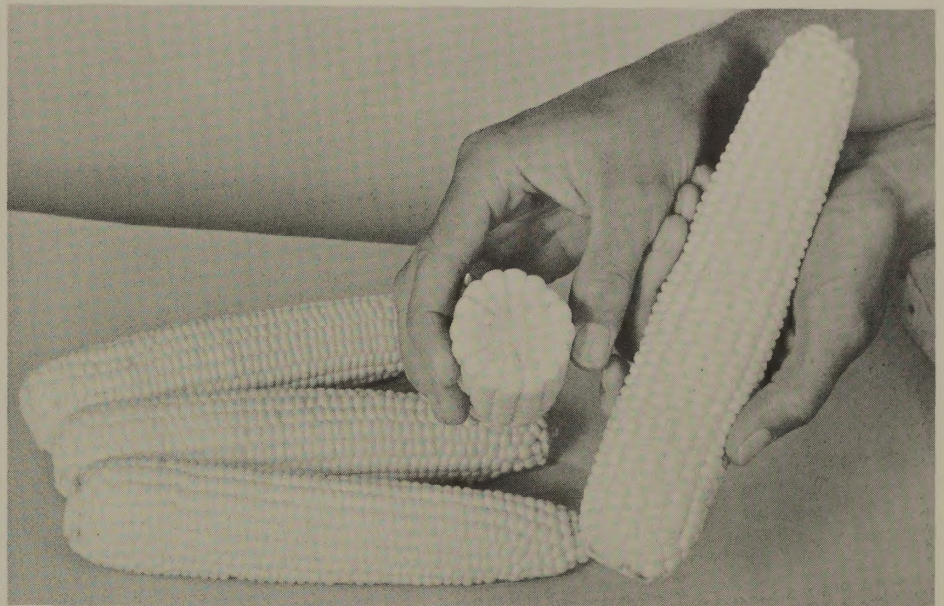
YELLOW HYBRIDS

FERRY-MORSE SEEDS

Hybrid or Variety Name	Days	Plant Height (inches)	Height to Ear (inches)	Ear Length (inches)	Ear Shape	Row Count	Resistance to Stewart's Wilt
Carmelcross. Second-early hybrid for market or processing. Fair quality. Developed by Conn. Agr. Exp. Station.	74	66	15	7-8	Medium taper	12-14	Yes
 E2125. Maincrop processor with very deep, narrow kernel, good flavor and tenderness. Medium gold color, light silks, excellent stalk.	84	82	32	8½-9	Medium-plus taper	18-20	Yes
 F-M Cross. Popular processor and market type because it combines deep kernels with earliness. Good quality, bright yellow color.	81	78	26	8-8½	Medium taper	14-16	Yes



Florigold 107

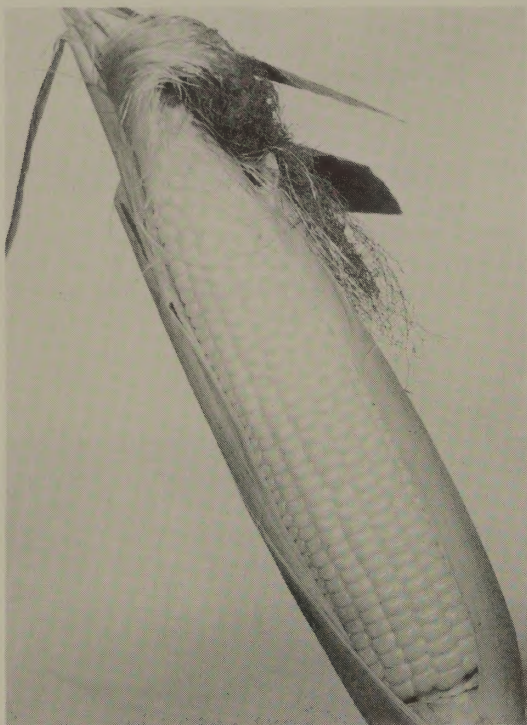


F-M Cross

 F-M Cross 71. Improved F-M Cross with higher row count, better depth, slightly darker kernel color and better plant type.	81	78	26	8-8½	Medium taper	16-18	Yes
Fiesta. High quality market type, maturing one day earlier than Golden Cross.	84	78	20	8½-8¾	Slight taper	14-16	Yes
 Florigold 106. Florida market type with high resistance to Helminthosporium leaf blight. Especially adapted for fall planting.	86	78	24	7¾-8	Slight taper	14-16	
 Florigold 106A. Attractive Florida market type with a high Helminthosporium resistance. Productive.	86	78	26	7¾-8	Slight taper	14-16	
 Florigold 107. Florida market type with high resistance to Helminthosporium. Ideal for 5 dozen pack.	87	74	26	7½-7¾	Slight taper	14-16	
 Goldcrest. Early, high quality, attractive market and home garden type.	67	60	14	7½-7¾	Slight taper	12	Yes
Golden Cross Bantam T51. Main season market and home garden type with excellent quality. Also used for processing in some areas. An improvement over the original hybrid developed by Purdue Agr. Exp. Station.	85	72	22	8-8½	Slight taper	12-14	Yes

Days to maturity are based on averages of data from our midwestern Research Stations.

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Goldcrest



Golden Pirate A

Hybrid or Variety Name

Days

Plant
Height
(Inches)

Height
to Ear
(Inches)

Ear
Length
(Inches)

Ear Shape

Row
Count

Resistance to
Stewart's Wilt

 **Golden Pirate A.** Maincrop processor with deep, narrow kernel. Good flavor and tenderness, light silks. Replacement for Golden Pirate.

85

82

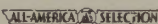
30

8½-9

Much taper

16-20

Yes

Ioana.  Widely adapted, drought resistant market type. Developed by Iowa Agr. Exp. Station.

85

72

28

8-8½

Slight taper

12-14

Yes

Iobelle (Florida 104). Florida market type with fair resistance to Helminthosporium. Developed by Iowa Agr. Exp. Station.

88

70

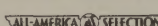
20

7½-7¾

Slight taper

14-16

Yes

Iochief.  High yielding market and home garden type. Sweet and fairly tender, dark interior silk. Developed by Iowa Agr. Exp. Station.

86

78

30

8-8½

Much taper

14-18

Yes

Marcross. Early home garden and market type. Fair quality. Developed by Connecticut Agr. Exp. Station.

72

66

16

7¼-8

Medium taper

10-14

Yes

 **Treasure Gold 103.** Processor and market type to precede F-M Cross in season. Darker kernel color.

78

78

24

8-9

Medium taper

14-16

Yes

Wintergarden. Florida market type with fair to good Helminthosporium resistance.

88

78

24

7¾-8

Medium taper

14-16

Yes

ADVANCE GOLD TAG® FARM SEEDS

Advance Seed Company of Phoenix, Arizona, is now a division of Ferry-Morse Seed Co. (Inc.), specializing in grain and forage sorghums, alfalfa, bermudagrass, and rangeland seed.

A remarkable line of hybrid grain and hybrid forage sorghums has been developed by Advance. These include long season types for the deep south and southwest, mid-season main croppers for the great plains, and short-season hybrids for northern states or double cropping in the south.

Alfalfa breeding has concentrated on resistance to spotted aphids and root rot. Advance Gold Tag developments are racking up new production records on problem soils and where aphid infestation ruins common alfalfa.

For more information, write to the below address. Advance Gold Tag® Seeds selected for your soil and climate are available at local distributors.

Advance Seed Company
A Division of Ferry-Morse Seed Co. (Inc.)
Box 100
Mountain View, California

SWEET CORN

FERRY-MORSE SEEDS

ROASTING EARS, WHITE

Variety Name	Days	Plant Height (Inches)	Height to Ear (Inches)	Ear Length (inches)	Ear Shape	Row Count	Resistance to Stewart's Wilt
Early Adams (<i>Burlington</i>). Hardy type for south.	84	72	24	7½	Medium taper	12-14	
Trucker's Favorite . Hardy type for south. A white flint corn eaten at milk stage.	95	96	36	8½	Medium taper	12-16	

COLOR POSTCARDS

We have a limited supply of full-color, glossy, chrome-kote postcards of items such as sweet corn, broccoli, beet, cauliflower, celery and lettuce. Ferry-Morse dealers have found these very useful for direct mail to growers. Your cost is only \$2.00 per 100 cards, postage prepaid. Write for samples.

POP CORN *Zea mays var. everta*

South American. Large yellow kernels that pop to enormous size without hard centers. 110 days. Stalk height 7½ feet, with an ear length of 7 inches. Row count 14-16.



F₁M Hybrid 51

CUCUMBER - PICKLE TYPES *Cucumis sativus*

With this catalog we introduce pickling hybrids 51 and 52. One of the parents is a gynocious inbred which causes the hybrid to bear a high ratio of female blossoms early in the season. To supply pollen to make fruit develop, we rec-

ommend you plant 10-15% seed by weight of any open pollinated pickling cucumber. With this precaution, gynocious hybrids can outyield open pollinated varieties under similar conditions, particularly at first picking.

Hybrid or Variety Name	Season	Mature Fruit Size	Shape	Spine Color	Skin Color	Disease Resistance
 F₁M Hybrid 51. Fruits not quite as attractive as Wisc. S.M.R. 15, but earliness, yield, and holding ability are superior.	Early	6" L 2½" D	Straight, blocky	Black	Medium dark green	Tolerant to Mosaic & Scab
 F₁M Hybrid 52. A little more slender than No. 51. Fruits easily removed from plants, making it good for mechanical harvesting.	Early	6½" L 2½" D	Straight, blocky	Black	Medium dark green	Tolerant to Mosaic & Scab

(L) - Length (D) - Diameter

Days to maturity are based on averages of data from our midwestern Research Stations.

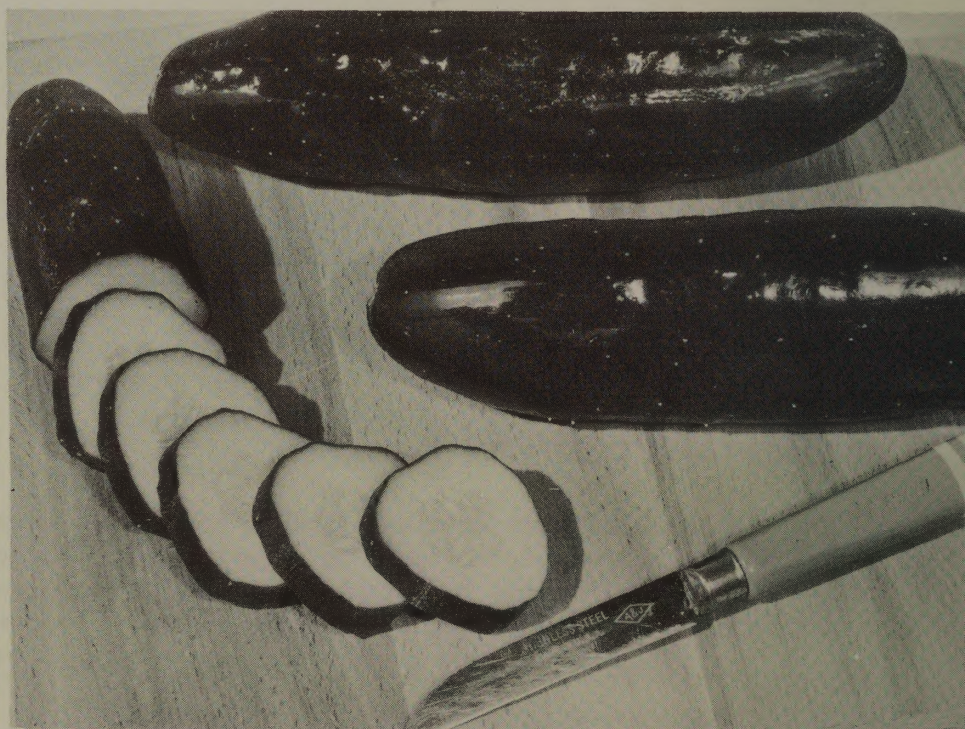
CUCUMBER PICKLE TYPES

FERRY-MORSE SEEDS

Hybrid or Variety Name	Season	Mature Fruit Size	Shape	Spine Color	Skin Color	Disease Resistance
Model. Popular in the south.	Early	6" L 2½" D	Blocky	White	Dark green	
Pixie. A recently introduced pickler which should make fall production of pickles feasible in the south under severe disease conditions. Developed by Clemson Exp. Station.	Early	6" L 2½" D	Blocky	White	Dark green	Resistant to Powdery Mildew, Downy Mildew, Anthracnose
Spartan Dawn F₁ Hybrid. Developed for higher early yield and smaller average size of fruit than open pollinated picklers. Does best on good soil with adequate water and plant food. Developed by Michigan A.E.S.	Early	5¾" L 2½" D	Blocky	Black	Medium green	Tolerant to Scab & Mosaic
Spartan 27. Developed for planting where Cucumber Mosaic and Scab are severe. Developed by Michigan A.E.S.	Early	5¾" L 2½" D	Straight, blocky	Black	Medium green	Resistant to Scab and Mosaic
Wisconsin S.M.R. 15. A standard early pickler to give a higher yield of good grade pickles than old varieties such as National Pickling. Developed by U. of Wisconsin.	Early	6" L 2½" D	Blocky	Black	Medium green	Resistant to Scab and Mosaic
Wisconsin S.M.R. 18. Fruits salt well and produce excellent quality pickles with desirable length to diameter ratio. Developed by U. of Wisconsin.	Early	6½" L 2½" D	Blocky	Black	Medium green	Resistant to Scab and Mosaic



Pixie



F₁M Hybrid Ashley

FERRY-MORSE PHOTO SERVICE

We maintain a file of 4 x 5 black and white photos of our latest vegetable varieties, and of most older standard varieties. These photos are professionally done — sharp and tightly composed. Prints are available at no cost to garden editors, extension service editors, or to dealers who publish catalogs or illustrated lists.

A limited selection of 4 x 5 ektachrome transparencies of our newer vegetable varieties is available on a loan

basis. We also have some magnificent 4 x 5 flower transparencies for catalog work and for loan to garden editors who publish in color roto sections.

May we ask a favor of you? Good photos of commercial vegetable growing or harvest (fairly close up) are hard to come by, because you have to be at the right place at just the right time. We would be happy to pay commercial rates for sharp 4 x 5 black and white photos or 35 mm color slides of crops grown from Ferry-Morse seeds.

CUCUMBER SLICER TYPES

FERRY-MORSE SEEDS



Long Marketer

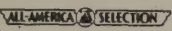
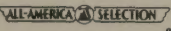


Polaris



Palomar D.M.R.

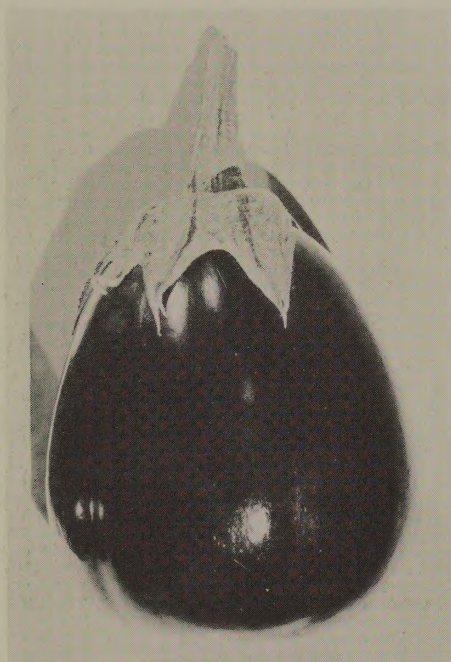
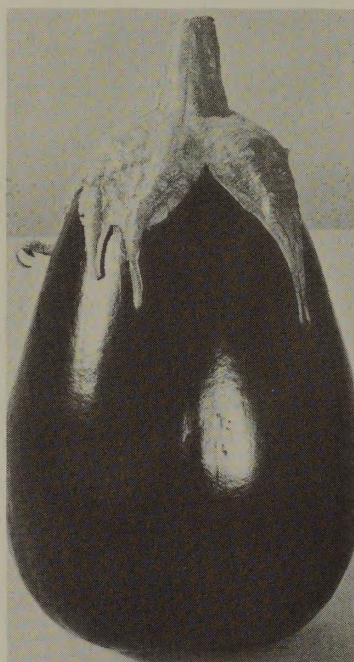
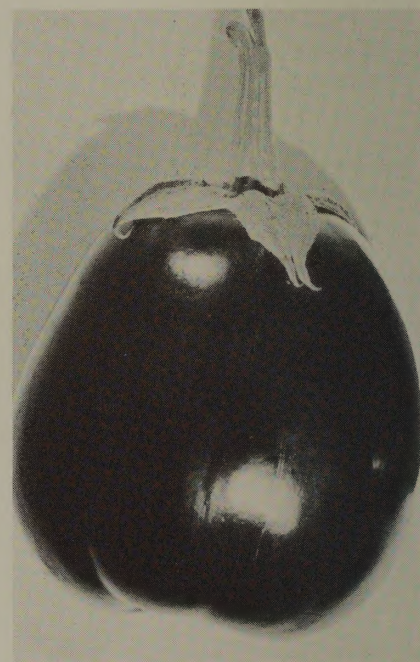
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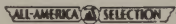
Hybrid or Variety Name	Season	Mature Fruit Size	Shape	Spine Color	Skin Color	Disease Resistance
A & C or Colorado. An important home garden and market variety where disease conditions are not severe.	Medium early, 68 days	8½" L 2¼" D	Straight, slightly tapered stem end	White	Medium	
Ashley. Popular in middle Atlantic Coast and southeast. Developed by Clemson T.E.S.	Mid-season, 70 days	8-9" L 2-2¼" D	Straight, taper to stem end	White	Dark green	Downy Mildew resistant
 F1M Hybrid Ashley. A new hybrid being tried extensively. Shows more vigorous vines, greater production, and is earlier than regular Ashley in our trials. Performs well in the south.	Medium early, 66 days	8½" L 2¼" D	Straight, tapered stem ends	White	Dark green	Tolerant to Downy Mildew
 F1M Hybrid Table Treat. Bred to replace Marketer in areas where cucumber mosaic is a problem. Somewhat later with more spreading vines and greater production than Marketer. Market and shipping north and northeast.	Medium early 68 days	8½" L 2¼" D	Straight, slightly tapered stem ends	White	Dark green	Tolerant to Cucumber Mosaic
 Long Marketer. A popular market and shipping type. Superior to regular Marketer in fruit length, slimness and color.	Mid-season, 70 days	8-9" L 2¼" D	Long, slender, slightly tapered stem ends	White	Dark green	
Marketer.  For many years a standard market and shipping variety.	Mid-season, 70 days	8" L 2-2¼" D	Straight, slightly tapered to both ends	White	Dark green	
 P 51 D.M.R. Slightly shorter than Palomar D.M.R., with darker, more uniform color.	Medium early, 65 days	8" L 2¼" D	Straight, slightly tapered to both ends	White	Dark green	Downy Mildew resistant
 Palomar D.M.R. Widely used in southern states for shipping.	Early, 64 days	8½" L 2¼" D	Straight, slightly tapered stem ends	White	Dark green	Downy Mildew resistant
Polaris. A new shipping variety for use where Anthracnose and Mildew are a problem Has yielded good crops where epidemics have wiped out susceptible varieties. Performs well in the south. Developed by Clemson Truck Exp. Station, S. Carolina.	Early, 64 days	7-7½" L 2¼" D	Straight, smooth, rounded ends	White	Dark green	Downy Mildew, Powdery Mildew and Anthracnose resistant
 Straight 8.  Still popular in some areas many years after its introduction.	Early, 62 days	8" L 2¼" D	Straight, smooth, rounded ends	White	Medium dark green	

 **Bouquet.** Slightly earlier than Mammoth Dill. Stems, foliage and heads strongly aromatic. A tetraploid developed from Colchine treated seed of Mammoth Dill. Plant size 36–40". The plant is vigorous and erect, with compact habit. Foliage is sparse, short, thread-like, and dark green. The stem is slender, freely branched and terminates in a large, fairly compact head.

EGGPLANT *Solanum melongena*

Variety Name	Days	Plant Height	Fruit Shape	Fruit Color
Black Beauty. Popular for home gardens and market.	80	24–28"	Broad, egg-shaped	Dark purple
Florida Market (<i>Cook's Strain</i>). Resistant to Phomopsis (<i>Phomo Rot</i>). Developed by Florida A.E.S.	87	30–36" erect	Long oval	Glossy, blackish purple
Improved Large Purple (<i>New York Spineless</i>). Popular market and shipping type.	80	24–28"	Broad, egg-shaped	Dark purple

*Black Beauty**Florida Market**Improved Large Purple***ENDIVE *Cichorium endiva***

Variety Name	Days	Plant Size	Leaf Type	Midrib Color
Full Heart Batavian (<i>Escarolle</i>).  Deep, full, compact, well-blanchd heart of infolded leaves.	90	10–12"	Broad, crumpled	White
Full Heart N.R. 65. Standard broad leaf type.	90	10–12"	Broad, coarsely crumpled	White
Green Curled Ruffec, Green Ribbed. Standard curly leaf	95	12–15"	Curled, deeply cut	Pale Green

FENNEL *Foeniculum dulce*

Florence (*Sweet Anise*). Grown for the bulb-like structure formed by the enveloping, thickened bases of the stalks of the lower leaves. This is aromatic and of a distinctive flavor. Sweet Fennel is quite different and forms no "bulbs". 110 days. Grows 2–3 feet. Home and market gardens.

Days to maturity are based on averages of data from our midwestern Research Stations.

Variety Name

Days

Plant Height

Leaf Type

Leaf Color

Dwarf Blue Curled, Vate's Strain. Slow bolting. Developed by Virginia A.E.S. Superior to the original; upright plant habit, hardy.

65

15" upright

Finely curled

Blue-green

Siberian or Sprouts (Curled). Grown mostly for stock feed. Produces huge tonnages of green forage.

70

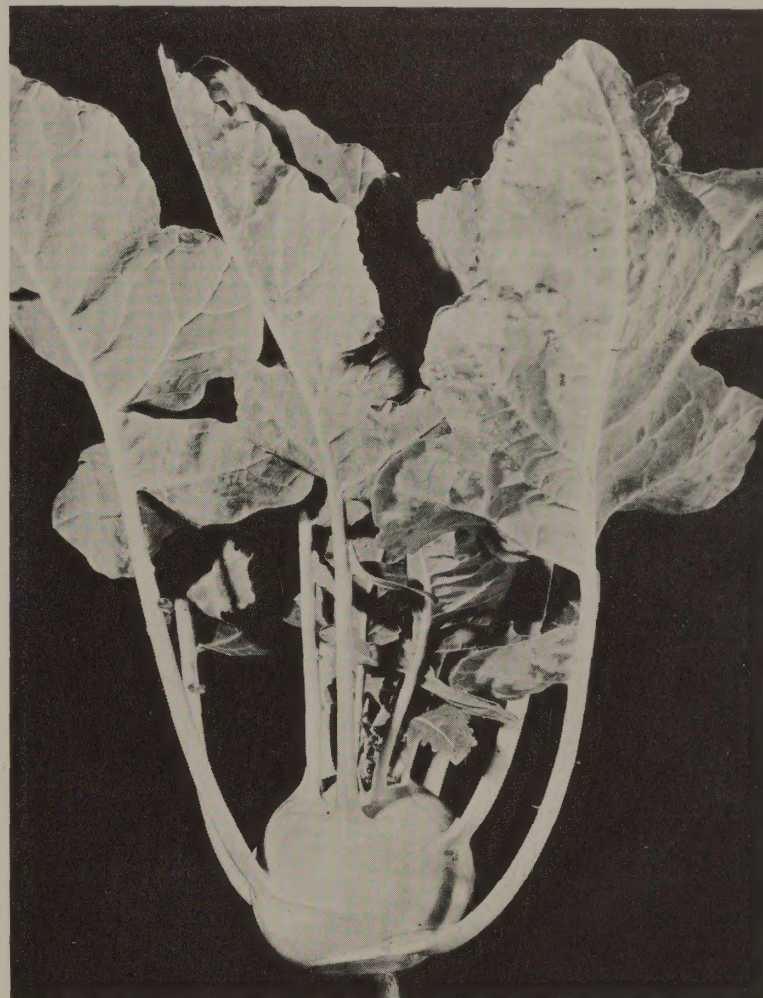
15" spreading

Large, coarsely frilled

Deep green, bluish bloom



ABOVE — Kale, Dwarf Blue Curled, Vate's
RIGHT — Kohl Rabi

**KOHL RABI** *Brassica oleracea gongylodes*

Early White Vienna (Short Top). 55 days. Standard type for forcing, home and market garden. Bulbs can grow to a very large size, but are usually 2½" in diameter when used.

The bulbs are pale green flattened globes, and the flesh is white, crisp, mild and tender. Plants are small and medium green.

LEEK *Allium porrum*

Giant Musselburgh (American Flag). 150 days. Most popular type for local market, shipping and home garden. The edible portion is long, thick, well blanched and the leaf color is medium green.

LETTUCE — COS OR ROMAINE *Latucca sativa*

Variety Name

Days

Size

Leaf

Color

* **Dark Green Cos.** Local market and home garden. For home gardens is usually planted in late summer for fall crop.

70

Large,
7-9" longLarge, thick,
slightly savoyed

Dark green

* **Parris Island Cos.** Market and home garden. Developed by U.S.D.A. and Clemson Exp. Station.

70

Large,
8-10" longLarge, thick,
slightly savoyed

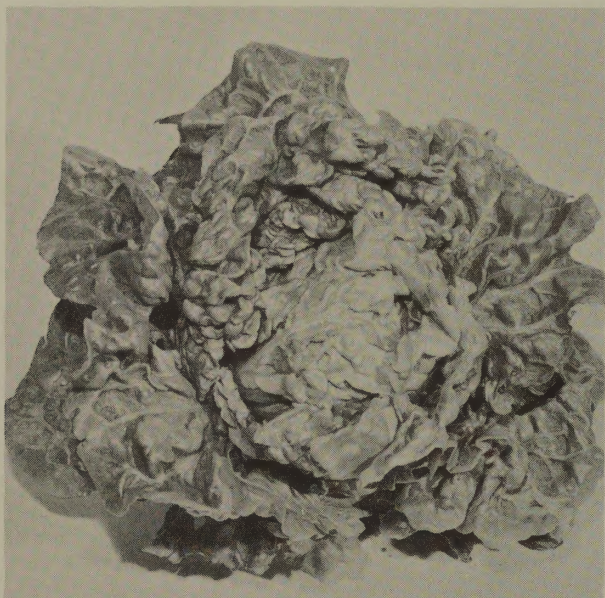
Dark grey-green

* **White Paris Self-Folding Cos.**

70

Large,
7-9" longLarge, thick,
slightly savoyedMedium light
green

*M.T. (Mosaic Tested) seed is available in these varieties.



ABOVE — Parris Island Cos
BELOW — Mignonette

ABOVE — Bibb
BELOW — Dark Green Boston

BUTTERHEAD VARIETIES

Variety Name	Days	Size	Leaf	Color
Bibb (Limestone). Forced in greenhouses — a delicacy. Planted in home gardens, but needs early seeding as it bolts in warm weather.	Early, 60 days	Small	Thick, smooth, soft	Dark green
Big Boston. Home garden in summer and fall. Sometimes forced in hotbeds and cold frames.	76	Medium	Glossy, plain, brown tinged	Medium green
* Dark Green Boston. Most popular of Butterheads. Blanched interior color contrasts attractively with dark outer leaves.	Medium early, 70 days	Small to medium	Short, rounded, smooth	Medium dark green
* Dutch Butter	Medium early, 65 days	Medium	Short, rounded, coarsely crumpled	Medium green
Mignonette. Used in tropics where it stands longer without bolting than other varieties.	Early, 62 days.	Small, firm	Small, coarsely crumpled	Medium dark brown, tinted dark green
* White Boston. Used for home garden and market.	70	Medium to small	Smooth and straight	Light green

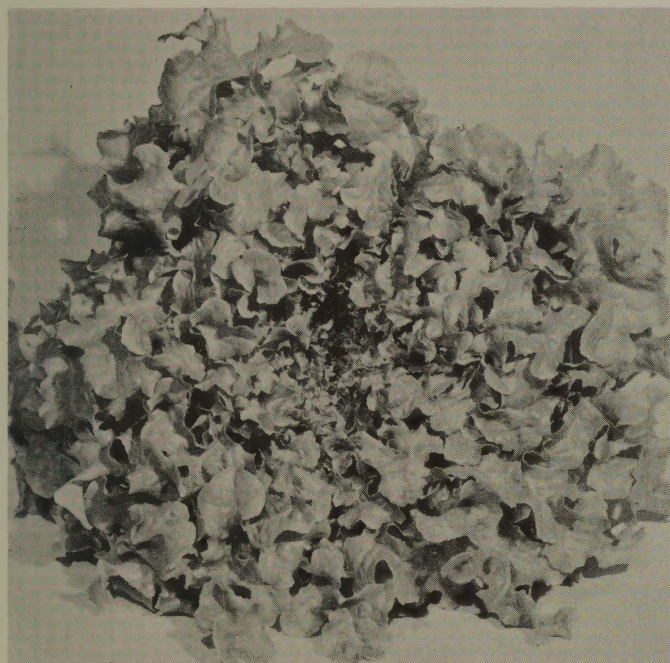
Days to maturity are based on averages of data from our midwestern Research Stations.

LETTUCE

LEAF VARIETIES

FERRY-MORSE SEEDS

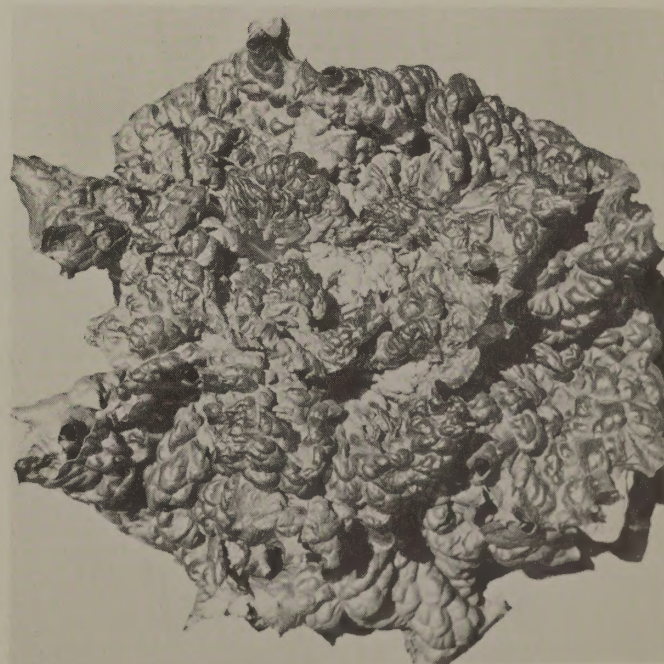
Variety Name	Season	Size	Leaf	Color
Black Seeded Simpson. An old favorite for home garden and local market.	Early, 45 days	Large	Broad, crumpled, margins slightly frilled	Light green
Grand Rapids, Tipburn Resistant. Home garden; occasionally forced in greenhouses.	Early, 45 days	Medium large	Medium large, coarsely crumpled	Medium light green
Grand Rapids, U.S. No. 1. Mildew resistant and does not bolt easily.	Early, 45 days	Medium large	Crumpled, wavy edges	Light green
 *Prize Head. Home garden and local market. Not a heading lettuce as name implies.	Early, 45 days	Large	Broad, crumpled, frilled	Reddish tinge
Salad Bowl. ALL-AMERICA SELECTION Slow bolting. Will usually stand 7-10 days longer than other leaf lettuce. Home garden. Developed by U.S.D.A.	Early, 47 days	Large rosette	Long, deeply notched	Light green



ABOVE — Salad Bowl
BELOW — Grand Rapids



ABOVE — Black Seeded Simpson
BELOW — Prize Head



*M.T. (Mosaic Tested) seed is available in these varieties.

LETTUCE

HEAD VARIETIES

FERRY-MORSE SEEDS

Variety Name	Season	Head Size	Head Color	Butt Core	Butt Appearance	Solidity	Resistance to Tipburn
Arizona Sunbright. A more uniform Tipburn resistant Great Lakes 6238 type. Developed by Univ. of Arizona.	Medium late	Large	Dark	Large	Acceptable	Good	Very good
* Calmar. Downy Mildew resistant. Developed by U.S.D.A. and Univ. of Calif.	Medium early	Large	Dark	Large	Smooth	Good	Moderate
Caravan. Used for fall harvest in Imperial Valley and for late spring and early summer in coastal California.	Medium	Medium large	Medium dark	Very large	Dark, smooth	Good	Moderate
* Climax. Winter harvest Imperial Valley. Developed by U.S.D.A.	Medium late	Large	Medium dark	Large	Good	Good	Moderate
* Cornell No. 456. Used on muck soils — east. Developed by Cornell.	Early	Medium	Medium dark	Medium	Good	Good	Moderate
* Empire. Used on muck soils — east. Developed by U.S.D.A.	Early	Medium	Medium dark	Medium	Acceptable	Good	Good
Francisco. A further selection out of Golden State A. Developed by U.S.D.A.	Late	Very large	Medium	Large	Acceptable	Fair	Fair
Fulton. A muck type for east. Developed by Cornell.	Early	Medium	Medium light	Large	Good	Good	Good
* Golden State D. Popular spring harvest Imperial Valley and Arizona. Developed by U.S.D.A.	Medium late	Large	Dark	Large	Good	Good	Good
* Great Lakes Shippers Strain. Does well in most plantings.	Medium late	Large	Dark	Large	Acceptable	Good	Good
* Great Lakes 65. Used mostly for summer planting.	Medium	Medium to large	Dark	Large	Smooth	Good	Fair
* Great Lakes 66. A more vigorous 118 type.	Medium	Large	Dark	Large	Dark, smooth	Good	Fair
* Great Lakes 118. Wide adaptability.	Medium	Large	Dark	Large	Dark, smooth	Good	Moderate
* Great Lakes 366. Popular for early and late harvest.	Medium late	Large	Dark	Large	Acceptable	Good	Good
* Great Lakes 407P. Used mostly in Arizona.	Medium	Large	Dark	Large	Good	Good	Good
* Great Lakes 659. Does best in warm weather.	Medium early	Medium	Dark	Medium	Fair	Good	Very good

*M.T. (Mosaic Tested) seed is available in these varieties.

Calmar



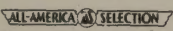
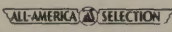
Great Lakes 659




Oswego

Penn Lake

HEAD VARIETIES

Variety Name	Season	Head Size	Head Color	Butt Core	Butt Appearance	Solidity	Resistance to Tipburn
*Great Lakes R200. Used mostly for summer harvest.	Medium	Large	Dark	Large	Fair	Good	Good
Great Lakes R200-95. Used mostly for summer harvest.	Medium	Large	Dark	Large	Good	Good	Good
*Great Lakes 6238. An original strain of Great Lakes.	Medium late	Large	Dark	Large	Acceptable	Good	Good
Hanson. Home garden.	Medium early	Medium	Light	Medium	Ribby	Fair	Good
Iceberg. For home and market.	Medium	Medium large	Light green tinged with red	Medium	Acceptable	Fair	Fair
*Imperial 101. Winter harvest — Imperial Valley. Developed by U.S.D.A.	Medium late	Medium/large	Light	Medium	Acceptable	Fair/good	Fair
Imperial 847. Used for shipping and market. Developed by U.S.D.A.	Medium	Medium	Medium light	Medium	Acceptable	Firm	Fair
*Merit. Tolerant to "Big Vein". Developed by U.S.D.A.	Medium	Medium	Medium dark	Medium large	Acceptable	Good	Moderate
*New York 515 Improved. Heat resistant.	Medium	Medium	Light	Medium	Slightly ribby	Fair	Good
*Oswego. Used on muck soils — east. Developed by Cornell University.	Early	Medium	Light	Large	Good	Good	Very good
*Pennlake.  Used mostly in east. Developed by Penn A.E.S.	Medium early	Medium	Medium light	Large	Acceptable	Good	Good
*Premier Great Lakes.  Now used mostly in East. Developed by Penn. A.E.S.	Medium early	Large, bald	Light	Large	Acceptable	Good	Fair
*Valverde. Resistant to Downy Mildew. Developed by U.S.D.A. and Texas A.E.S.	Medium late	Medium	Medium	Medium	Light, rough	Good	Fair
*Vanguard. Good eating quality. Used in desert areas. Developed by U.S.D.A.	Late	Large	Medium dark	Large	Fair, sloping	Good	Good

EXPLANATION OF SYMBOLS



The "hand and seedling" denotes a variety or hybrid developed and introduced by Ferry-Morse Seed Co. This trademark was first registered by us in 1941. Its use by other parties is prohibited.



This symbol, the official seal of the All America Selections Committee, distinguishes a variety or hybrid awarded either a Gold, Silver, or Bronze Medal. One of the 26 A.A.S. trial grounds is at our Research Station at San Juan Bautista.

MUSTARD *Brassica juncea*

FERRY-MORSE SEEDS

Variety Name	Days	Plant Type	Leaf Type	Leaf Color
Florida Broad Leaf. Slow bolting.	50	Large, erect	Large, thick, broad, oval. Margins toothed, midribs white.	Bright, medium green
Large Smooth Leaf. Smooth leaves are easily washed free of soil or sand.	50	Large, vigorous	Large, broad, oval, plain but margin toothed.	Deep green
Southern Giant Curled Long Standing. ALL-AMERICA SELECTION Most popular for greens.	60	Large, upright	Large, wide, curly leaf margins.	Bright green
Tendergreen or Mustard Spinach. Heat and drought resistant.	45	Large rosette	Medium large, thick, smooth, tender, broad petioles.	Dark green



Left to right — Tendergreen, Large Smooth Leaf, Florida Broad Leaf, Southern Giant Curled

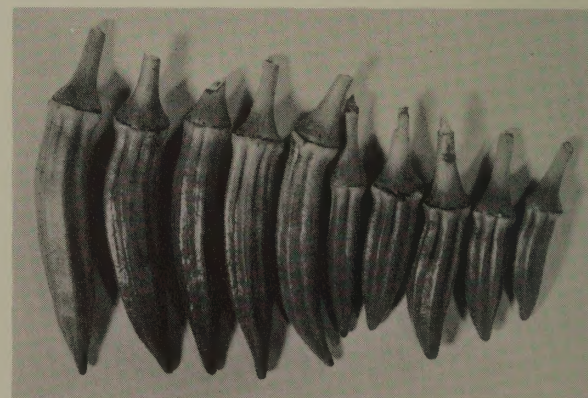
OKRA *Hibiscus esculentus*

Variety Name	Days	Plant Height Southern States	Mature Pod Length	Pod Shape	Pod Color
Clemson Spineless. ALL-AMERICA SELECTION Uniform, spineless.	60	4½ ft.	6"	Straight, angular, moderately ridged	Rich green
Dwarf Long Pod, Green. A dwarf type, easier to pick than tall types. The most popular variety.	55	3–4 ft.	1 1/8" D, 7–8" L	Tapered, ribbed	Dark green
Emerald. High quality. Developed by Campbell Soup Co.	57	5 ft. or more	8"	Round, spineless	Dark green
Perkins' Spineless. For home, market, and canning.	55	5 ft. or more	7"	Slender, ribbed	Bright dark green



LEFT — Clemson Spineless

RIGHT — Dwarf Long Pod Green



(D) Diameter
(L) Length

32

ONION *Allium cepa*
OPEN POLLINATED – BUNCHING TYPES

FERRY-MORSE SEEDS

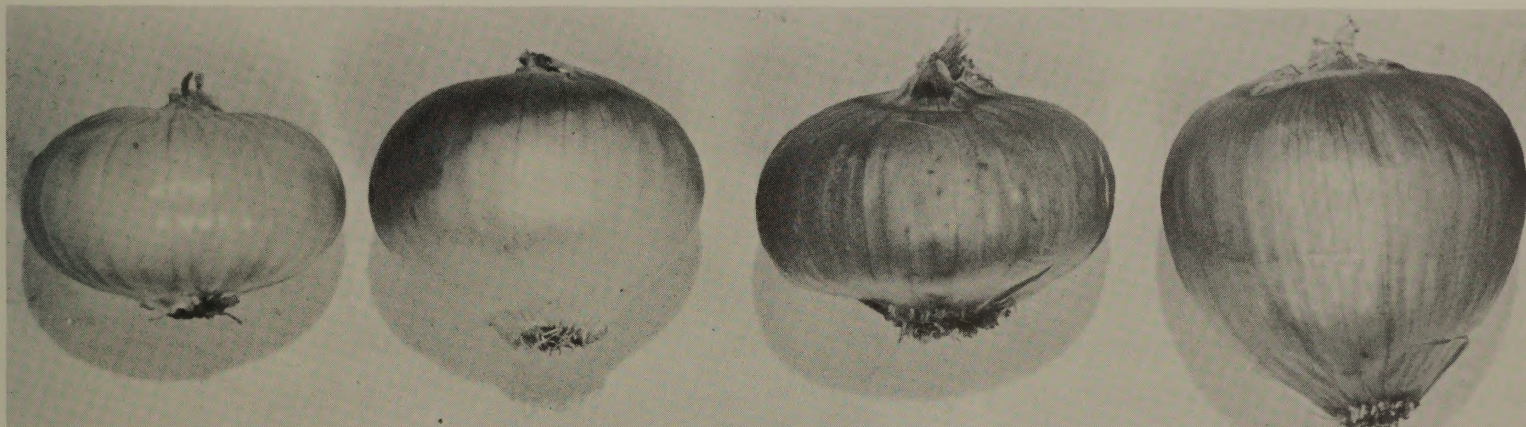
Crystal White Wax – Recommended for bunching onion production south of 28 degrees latitude.

Evergreen Bunching (*Nebuka*) – Non-bulbing type especially for bunching. Not recommended for commercial-scale bunching onion production in the west.

Green Bunching Globe – The standard variety for green bunching onion commercial-scale production.

White Sweet Spanish Utah Bunching Strain – Popular bunching strain in Arizona.

BULBING TYPES



Left to right: *Crystal White Wax, Granex, Excel, Texas Early Grano*

GROUP 1 (*Adapted primarily to 24–28 degrees latitude. Fall planting for spring harvest.*)

Variety Name	Days*	Skin	Shape	Size	Flesh
51 Crystal White Wax. Superseded by Eclipse for dry onion. Widely used for green bunching in the more southerly areas. Extensively planted in countries near the Equator.	185	White	Very flat	Medium	White
337 Eclipse (<i>L303</i>). White Bermuda type. Excellent non-bolting ability and resistant to doubling. Tolerant to Pink Root Disease. Developed by the U.S.D.A. and Texas A.E.S.	175	White	Thick, flat	Medium	White
74 Excel (<i>Yellow Bermuda 986</i>). Standard Yellow Bermuda. Widely adapted in the more southerly latitudes. Developed by the U.S.D.A. and Texas A.E.S.	185	Amber	Thick, flat	Medium	White
New Mexico White Grano. Adapted to Texas, Arizona and New Mexico. Developed by New Mexico A.E.S.	185	White	Medium shallow half globe	Large	White
Texas Early Grano No. 502. Standard open pollenated variety for more southerly latitudes. Developed by Texas A.E.S.	170	Straw	Top shaped	Large	White

*Equals days from seeding, southerly latitudes, early fall

GROUP 2A (*Adapted primarily to 32–40 degrees latitude. Mild weather areas. Fall planting, late spring and early summer harvesting.*)

Variety Name	Days	Skin	Shape	Size	Flesh
37 Calred (<i>Early</i>). Downy Mildew resistant. Adapted to California central valleys. Developed by University of California.	230**	Deep red	Shallow half globe	Large	Zoned red
144 San Joaquin. Standard non-bolting type for over-wintering.	220**	Straw	Flat shoulder, basal taper	Large	White

**Equals days from seeding, Central California, early fall.

32

ONION

OPEN POLLINATED - BULBING TYPES

GROUP 2B (*Adapted primarily to 32-40 degrees latitude. Mild weather areas. Late fall and midwinter planting. More northerly areas as a spring transplanted crop from stecklings grown in the south.*)

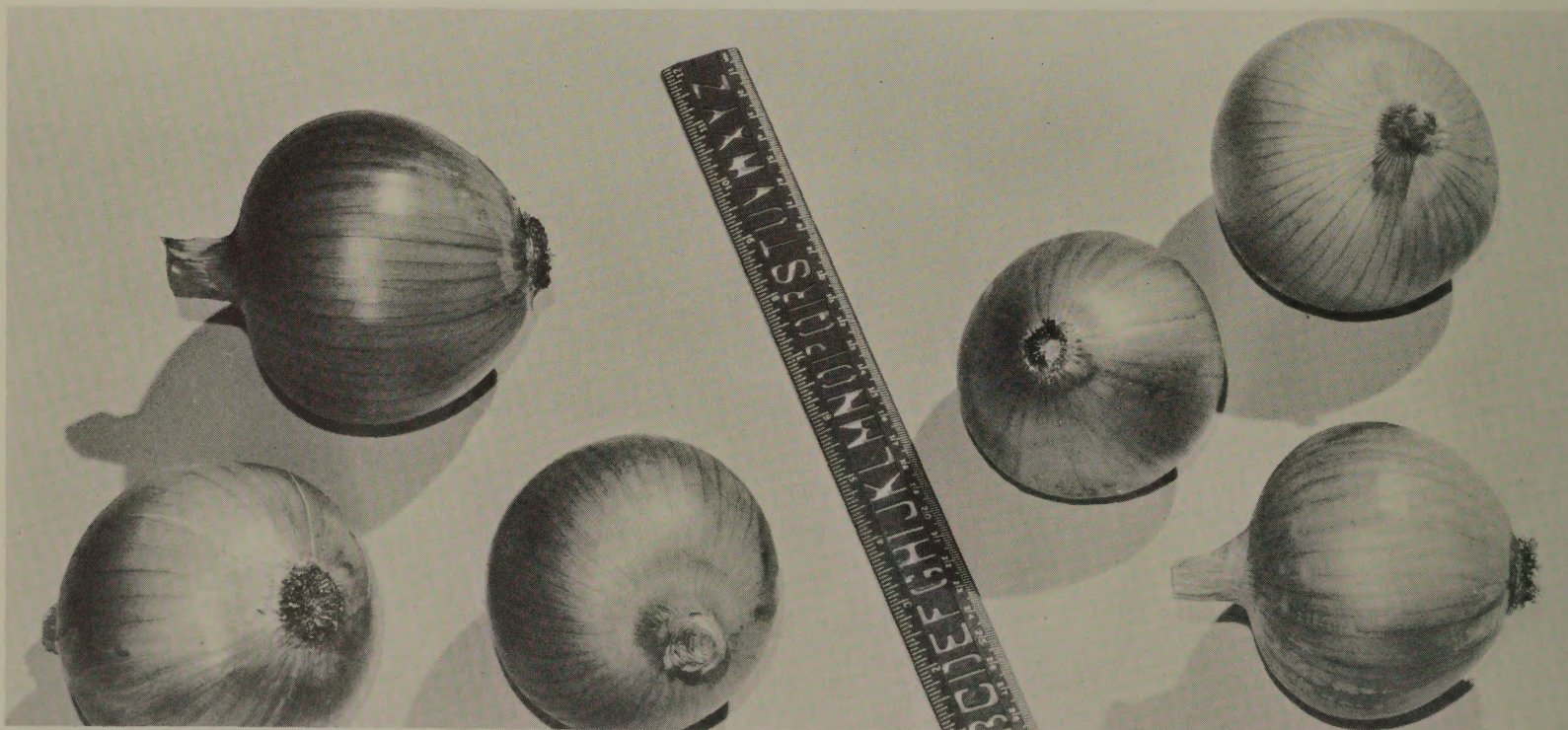
Variety Name	Days*	Skin	Shape	Size	Flesh
15 Australian Brown 100. California storage type. Not widely adapted except as a "set" onion.	250	Brown	Globe	Medium	Lemon yellow

**Equals days from seeding, Central California, late fall.*

GROUP 3 (*Main onion areas north of 36 degrees. Spring planting for fall harvest.*)

Variety Name	Days**	Skin	Shape	Size	Flesh	Storage
Early Yellow Globe (Danvers). Limited storage. Popular early variety.	100	Yellow	Globe	Medium	Medium soft	Fair
55 Downing's Yellow Globe, T Strain. Long storage type.	105	Deep amber	Globe	Medium	Firm	Very good
Southport Red Globe. Best long-day red type.	110	Red	Tall globe	Medium	Firm	Good
Southport White Globe. Standard processing type.	110	White	Tall globe	Medium	Firm	Good
Sweet Spanish Yellow Utah Strain. Limited storage ability. Good percentage of jumbos.	130	Brownish yellow	Globe	Large	Soft	Fair
Sweet Spanish Colorado No. 6. Flesh white and mild.	133	Amber	Globe	Large	Soft	Fair
Sweet Spanish White Utah Strain. Good percentage of jumbos.	130	White	Globe	Very large	Soft	Fair
White Australian. White storage type. Adapted to Central California.	100	White	Shallow globe	Medium	Firm	Good
White Portugal. Used for sets, pickling onions.	100	White	Thick, flat	Medium	Firm	Good

***Equals days from seeding, more northerly latitudes.*



Sweet Spanish Yellow Utah Strain

F-M Early Hybrid No. 3 A

ONION

FERRY-MORSE SEEDS

F₁ HYBRIDS

GROUP 1 (*Adapted primarily to 24–28 degrees latitude. Fall planting for spring harvest.*)

Hybrid Name	Days*	Skin	Shape	Size	Flesh
Granex, Yellow. Widely adapted in Texas, Arizona and other southerly onion producing areas. On good soil both Granex hybrids form marketable bulbs in Nicaragua, Columbia, and Southern Philippine Islands. Developed by the U.S.D.A. and Texas A.E.S.	165	Yellow	Deep flat to shallow half globe	Large	White
Granex, White. Adapted to Texas. Developed by the U.S.D.A. and Texas A.E.S.	175	White	Deep flat	Large	White

*Equals days from seeding, southerly latitudes, early fall.

GROUP 2A (*Adapted primarily to 32–40 degrees latitude. Mild weather areas. Fall planting, late spring and early summer harvest.*)

Hybrid Name	Days**	Skin	Shape	Size	Flesh
 F₁ Hybrid No. 3A. Adapted to California, or comparable climates. Late fall and mid-winter planting.	250	Yellow	Shallow globe	Large	White
 F₁M Yellow Hybrid No. 1. Adapted to California.	225	Light yellow	Flat shoulder, basal taper	Medium large	White

**Equals days from seeding, Central California, early fall.

GROUP 2B (*Adapted primarily to 32–40 degrees latitude. Mild weather areas. Late fall and midwinter planting. More northerly areas as a spring transplanted crop from stocklings grown in the south.*)

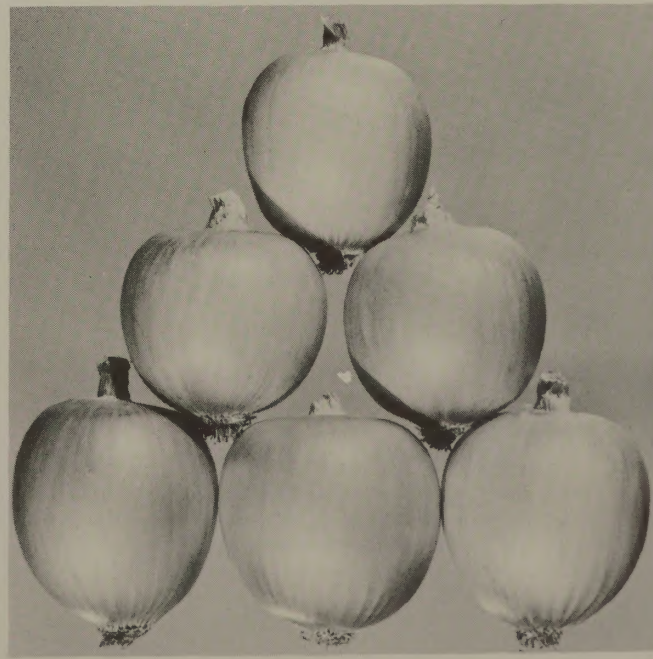
Hybrid Name	Days***	Skin	Shape	Size	Flesh
 F₁M Hybrid Early Harvest No. 5. Plant mid-November through December in California with some risk of bolting. After January 15 may mature too small. Yields an early spring crop when grown in north from transplants.	240	Amber	Globe	Medium	White
 F₁M Hybrid Harvest Pak A. Same usage as Early Harvest. Deeper colored and better storage ability.	240	Deep amber	Globe	Medium	White

***Equals days from seeding, Central California, late fall.

Early Harvest No. 5



Harvest Pak A





Noting Onion Trial



Fiesta

GROUP 3 (Main onion areas north of 36 degrees. Spring planting for fall harvest.)

Hybrid Name	Days*	Skin	Shape	Size	Flesh	Storage
378 Apache. Sweet Spanish type. F ₁ hybrid.	115	Dark brown	Globular	Large	Medium firm	Medium
384 Cherokee. Sweet Spanish type hybrid.	118	Dark brown	Globular	Large	Medium firm	Medium
82 Fiesta. Sweet Spanish type. Developed by the U.S.D.A., Idaho A.E.S., and Iowa A.E.S.	112	Brown amber	Globe	Large	Firm	Good
407 F ₁ M Hybrid Span Pak A, Sweet Spanish type (early) .	95	Deep amber	Globe	Medium	Firm	Good
Hickory. Developed for Wisconsin muck soils by Wisconsin A.E.S., Iowa A.E.S., and U.S.D.A. Suitable for pre-packaging.	92	Golden brown	Round	Medium	Firm	Good
Hybrid F. Sweet Spanish type hybrid.	120	Medium amber	Flattened globe	Large	Medium firm	Medium
Hybrid G. Sweet Spanish type hybrid.	118	Light amber yellow	Flattened globe	Medium large	Medium	Medium
Hybrid H. Sweet Spanish type hybrid.	125	Light amber	Globular	Large	Medium firm	Medium
Hybrid J. Has performed well in Western Oregon.	110	Yellow brown	Globular	Medium large	Medium firm	Medium
416 Nugget. Developed for Wisconsin muck soils by Wisconsin A.E.S., Iowa A.E.S., and U.S.D.A. Main crop hybrid.	100	Copper	Tall Globe	Medium	Firm	Very good
408 Sioux. Full, sweet Spanish hybrid. Flesh is mild and and nearly white.	130	Dark brown	Globular	Large	Medium	Fair

*Equals days from seeding, more northerly latitudes.

We warrant to the extent of the purchase price that seeds we sell are as described by us on our container within recognized tolerances. Our liability, whether contractual or otherwise, is limited in amount to the purchase price of the seeds under all circumstances and regardless of the nature, cause or extent of the loss. Seeds not accepted under these terms and conditions must be returned at once in original unopened containers and the purchase price will be refunded.

PARSLEY *Petroselinum crispum*

FERRY-MORSE SEEDS

Variety Name	Days	Leaf Color	Leaf Type	Use
 Evergreen (<i>Double Curled</i>). ALL-AMERICA SELECTION Tolerant to cold weather.	70	Dark green	Large fronds, leaflets moderately large, closely curled	Dehydrating, flavoring, garnishing
Extra Triple Curled. The most popular variety.	75	Dark green	Finely cut and closely curled	Flavoring, garnishing
Hamburg Thick Rooted. Roots 8-10" long, tapered, white, resemble slender parsnips.	90	Dark green	Medium large, plain	Flavoring
 Paramount. ALL-AMERICA SELECTION Dwarfed, darker green than Extra Triple Curled. Widely adapted.	85	Very rich dark green	Tightly and uniformly curled	Flavoring, garnishing
Plain or Single. Standard variety of plain leaved. Flavor more pronounced than curled types.	80	Dark green	Deeply cut but not curled	Flavoring



Left to right -
Plain
Paramount
Evergreen
Extra Triple Curled

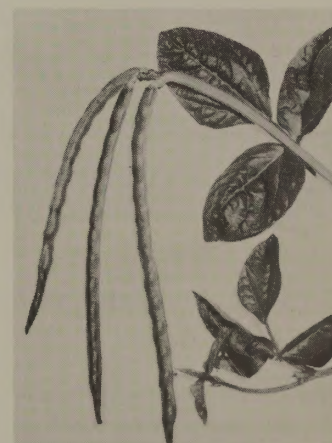
PARSNIP *Pastinaca sativa*

Variety Name	Days	Root Length	Root Shape
All American. A newer variety for market use.	130	9-11"	3½" wide at shoulder, smooth, tapered, hollow crown
Hollow Crown, Thick Shoulder. Standard for home gardens. Stores well.	130	10-12"	3" wide at shoulder, long, tapered, hollow crowned

PEAS *Vigna sinensis*

SOUTHERN PEAS or COWPEAS

Variety Name	Days	Type	Seed
Brown Crowder. Most popular edible podded Sugar Crowder Pea. Commercial and home canning, market gardens. Excellent for interplanting with corn.	105	Vining	Buff-brown, dark brown eye
Purple Hull Brown Crowder. Produce men call these "knuckle Hulls" because of the big plump peas. The largest selling pea on many markets today. Very easy to gather as they have a tendency to cluster and stay off the ground. A bunch type that matures in approximately 9 weeks.	105	Vining	Buff-brown
California Blackeye, Large. New selection with concentrated pod set at crown. More disease resistant. Productive, southern home garden favorite.	95	Erect	Large, cream, with black eye
Purple Hull Bush Pinkeye. A true white purple hull pea for market, freezing or shipping. When green, the peas are white with small purple eye. Excellent flavor. Bunch type that matures in 7 weeks. With favorable weather will produce two crops on the plants in one season.	100	Compact	Elongated, light brown



Purple Hull
Bush Pink Eye

Days to maturity are based on averages of data from our midwestern Research Stations.

PEAS *Pisum sativum*

FERRY-MORSE SEEDS

Variety Name	Days	Height (inches)	Color	Pod Length	Shape	Peas per Pod
Alaska. Round and smooth seeded; early variety for canners and home garden.	58	30	Pale green	2½"	Straight, blunt	6-8
Alderman (<i>Telephone Dark Podded</i>). Large, wrinkled seed. Shipping, home garden.	78	60	Dark	5"	Round, pointed	8-10
Giant Stride. Seed wrinkled. Markets on Pacific Coast and Mexico.	78	28	Dark	5"	Pointed	8-10
 Little Marvel Improved. Seed wrinkled. Old favorite for home gardens. May be home canned or home frozen.	65	18	Dark	3"	Blunt ended	6-8
Melting Sugar (<i>Snow Pea</i>). Seeds large, round, creamy white. A leading edible podded variety.	74	54	Pale green	4-4½"	Broad, flat	8-10
 Miragreen. Seed wrinkled. Berries small sieve size. Freezing. High sugar content.	70	48	Very dark	4"	Narrow, pointed	8-10
 Morse's No. 55. Wrinkled seed. Market and shipper.	70	28	Dark	5-5½"	Long, pointed	8-10
 Morse's No. 60. (<i>Dwarf Telephone Dark Podded</i>). Seed wrinkled. Market and shipper.	75	28	Dark	4½-5"	Med. long, pointed	8-10
 Morse's Progress No. 9. Wrinkled seed. Most popular early market variety, also much used in home gardens.	64	20	Dark	4½"	Pointed	8-10
Thomas Laxton W.R. Seed wrinkled. Canning and freezing.	62	34	Dark	3½"	Blunt	8-10
Wando. Medium sized, dark green, wrinkled. Somewhat more heat resistant than other varieties.	68	26	Dark	3-3½"	Blunt	6-8

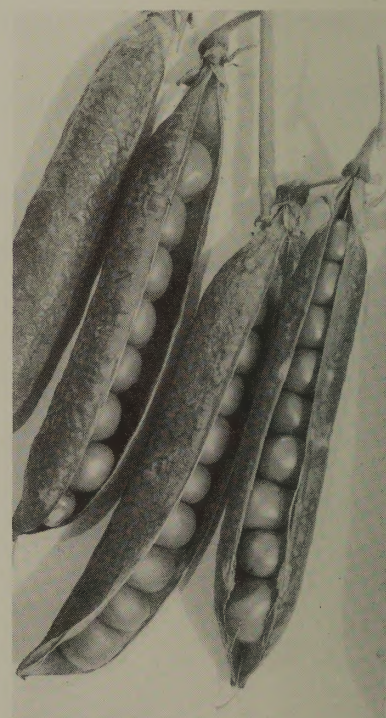
Little Marvel Improved



Morse's No. 60



Miragreen

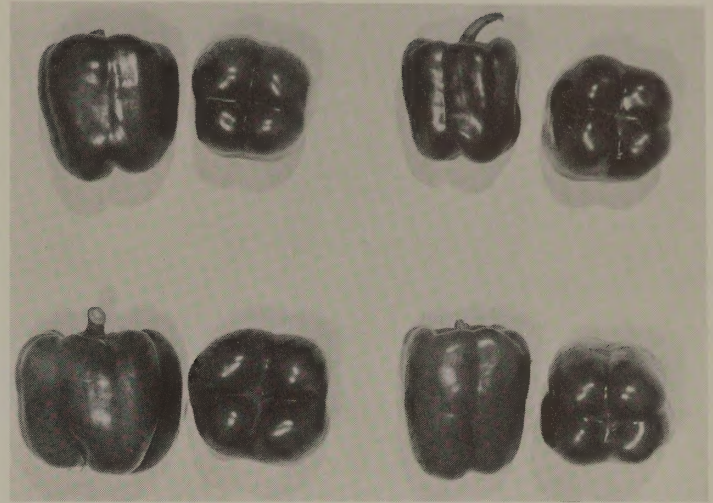


PEPPER *Capsicum frutescens*

Variety Name	Days	Size (inches)	Lobes	Fruiting Habit	Walls	Flavor
Allbig (<i>Illinois F-5</i>). Sets well in cool or warm weather. Market and home garden. Developed by Illinois A.E.S. Irregularly shaped fruits.	65	5¼ x 3½	3-4	Pendent	Medium	Sweet
Anaheim. Used for drying in the west, and for canning in the southwest.	80	7 x 1½	Tapered, pointed	Pendent	Thin	Mild



Yolo Wonder 43

Top Left, California Wonder; Top Right Delaware Belle
Bottom Left, Yolo Wonder Imp. B; Bottom Right, Resistant Florida Giant.

Variety Name	Days	Size (inches)	Lobes	Fruiting Habit	Walls	Flavor
California Wonder. One of the leading shipping varieties. Symmetrical fruit.	75	4½ x 3½	Mostly 4	Upright & pendent	Thick	Sweet
Chili Jalapeno (Hot). Pickling — Mexico and the southwest.	75	2¾ x 1	Tapered, pointed	Pendent	Medium	Very hot
Delaware Belle. Resistant to Tobacco Mosaic. Developed by Delaware A.E.S.	70	4½ x 3½	3-4	Pendent	Thick	Sweet
Early Calwonder. For short season areas.	69	4 x 3½	3-4	Upright	Thick	Sweet
Floral Gem (Hot). Young fruits waxy green. For canning and pickling.	75	2 x 1	Tapered, pointed	Upright	Thin	Hot
Fresno Chili (Hot). Resistant to Tobacco Mosaic and Spotted Wilt. Used for pickling and market.	78	2 x 1	Tapered, pointed	Upright	Medium	Very hot
Florida Giant. Used mostly in east; a California Wonder type.	75	4½ x 3¾	Mostly 4	Pendent	Thick	Sweet
Hungarian Yellow Wax. Early; used for market, home and canning. Color greenish yellow to waxy yellow, becoming bright red.	60	6-7 x 2	Tapered, pointed	Pendent	Thin	Hot
Long Red Cayenne (Hot). Used for canning and pickling.	70	5 x ½	Long, slender, pointed	Pendent	Thin	Very hot
 Oakview Wonder. Blocky fruit. Popular for home, market and shipping.	65	4 x 3½	Mostly 4	Pendent	Thick	Sweet
Pepperoncini. Used for pickling from very small size up to maturity.	70	2½ x 1¼	Tapered, blunt ends	Pendent	Thin	Mild
Resistant Florida Giant. Used mostly in winter growing areas. Resistant to Tobacco Mosaic.	80	4½ x 3¾	3-4	Pendent	Thick	Sweet
Roumanian (Sweet). For local market and home gardens. Peppers are waxy yellow.	70	4½ x 2	Tapered	Pendent	Medium	Sweet
World Beater. Standard early shipping pepper. Long, tapering, somewhat irregular fruits.	70	5 x 3½	3-4	Pendent	Medium	Sweet
 Yellow Sweet Long. Young fruit waxy yellow, mature fruit red. Frying and sandwich type.	65	5 x 2	Slightly tapered, pointed	Pendent	Medium	Sweet
 Yolo Wonder 43. An improved strain of Yolo Wonder resistant to Tobacco Mosaic. A standard shipping and market variety.	78	4½ x 3¾	3-4	Pendent	Thick	Sweet
 Yolo Wonder Improved B. Resistant to Tobacco Mosaic virus. Our uniform selection from original Yolo Wonder, developed by Campbell Soup Co.	77	4 x 4	3-4	Pendent	Thick	Sweet

GERMINATION AND PURITY TESTS

Ferry-Morse seeds are tested for germination and purity in our own laboratory. Only those which equal or exceed state and federal standards are offered for sale. Because seeds are living organisms, testing is not an exact science. Our tests are a conservative estimate of a lot of seed's ability to grow under average conditions. Growers should therefore use tests as a guide and make allowances for soil tilth, temperature, and moisture.

PUMPKIN *Cucurbita* spp.

(L) Length (D) Diameter

Variety Name	Days	Size	Weight	Shape	Skin	Shell	Flesh
Large Yellow (<i>Connecticut Field</i>). Standard field type for pies, canning, stock feed.	115	12" L 14" D	20 lbs. and up	Fairly round	Smooth, deep orange-yellow	Thin, hard	Thick, coarse, sweet, deep yellow
Sugar (<i>New England Pie</i>). Earliest and best for pies. Home and market gardens, shipping.	110	6-8" D		Round to deep round, flattened, furrowed	Smooth, rich reddish-orange	Hard	Thick, orange-yellow, unexcelled quality

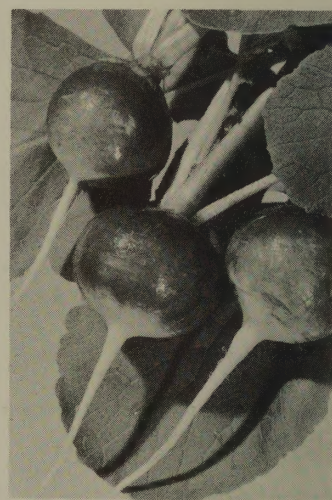


RADISH *Raphanus sativus*

FAR LEFT - *Cherry Belle*

LEFT - *Icicle Short Top*

RIGHT - *Scarlet Turnip, White Tipped*



Variety Name	Days	Tops	Shape	Color
Cherry Belle. ALL-AMERICA SELECTION A popular strain for bunching and cello-pak. Developed to hold longer without becoming pithy.	23	Short	Globe	Dull scarlet
Cincinnati Market (<i>Long Scarlet</i>). Home and market garden.	29	Short	Long, slender, 7" long, 5/8" diameter, pointed	Medium dark crimson
Comet. Ideal for bunching and cello-pak.	23	Medium	Olive	Bright scarlet
Crimson Giant. Large roots. An old favorite for home and market.	29	Medium	Round to top	Deep crimson
Early Scarlet Globe Medium Top. Excellent for home and market. Flesh white, mild, crisp.	24	Medium	Globe to deep globe	Bright scarlet
Icicle. Home and market variety. Flavor distinct from red varieties.	30	Medium short	Long and tapered	White
Icicle Short Top. Recommended for growing on muck. Also does well in loam soils.	27	Medium to short	5 1/2" long, 1/2" diameter, medium long, pointed	Waxy white
Red Prince. Fusarium resistant. Developed by University of Wisconsin.	23	Short	Globe	Scarlet
Scarlet Turnip, White Tipped. Popular for home and market.	25	Medium short	Almost globular	Bright scarlet with white tips
 Southern Market Globe. Used primarily for shipping.	23	Medium	Globe	Bright, deep scarlet

Days to maturity are based on averages of data from our midwestern Research Stations.



LEFT - Comet

RIGHT - left to right: Early
Scarlet Globe Top,
Red Prince.**SALSIFY** *Tragopogon porrifolius*

Mammoth Sandwich Island. 150 days. Roots are long, tapered, white, uniform. Standard variety for home, market garden and shipping.

SPINACH *Spinacia oleracea*

Variety Name	Days	Plant Type	Leaf Type	Color	Seed
Bloomsdale Dark Green (Savoy). Leading shipping variety. Very early. For home and market gardens.	40	Large, medium erect	Large, blistered crumpled	Rich, deep glossy green	Round
Bloomsdale Long Standing (Savoy). Leading home and market variety. A few days later than other Bloomsdales, remains free of flower stalks about two weeks longer.	43	Uniform, long-standing	Blistered, crumpled	Dark green	Round
Dixie Market. Southern fall and winter production. Fresh market, freezing, canning. Can be machine harvested. Resistant to Downy Mildew and Cucumber Mosaic. Developed by U.S.D.A.	37	Compact, upright	Round, thick, well savoyed	Dark green	Round
Early Hybrid No. 7. Fall production. Can be machine harvested. Suitable for canning and freezing. Resistant to Downy Mildew and Cucumber Mosaic. Developed by U.S.D.A. and Texas A.E.S.	43	Large, upright	Semi-savoyed	Dark green	
Giant Thick Leaved (Nobel). ALL-AMERICA SELECTION Best of the round seeded, thick leaved varieties. Canning, home and market gardens. Heavy yield.	43	Large, spreading, long-standing	Thick, broad, arrow-shaped & rounded at tips	Deep green	Round
Hybrid 424. Fall and spring season in south and west. Resistant to Downy Mildew. Developed by U.S.D.A.	38	Large, spreading	Smooth, medium large	Medium green	
Hybrid 612. Fall and winter production in Arkansas and southern Texas. Will bolt in spring plantings. Resistant to Bluemold and Blight. Developed by U.S.D.A., Arkansas A.E.S., Texas A.E.S.	43	Large, upright	Savoy	Dark green	Round



LEFT - Hybrid 424

RIGHT - Bloomsdale Long Standing

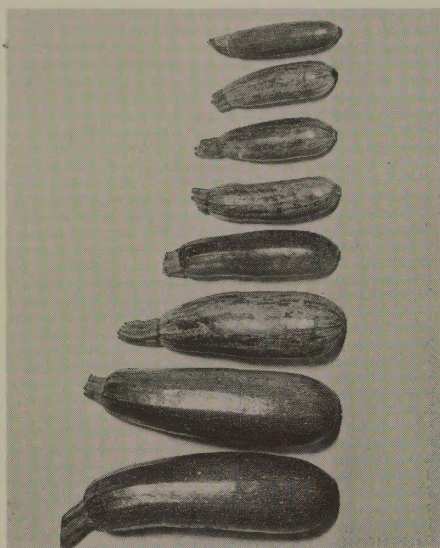


SPINACH

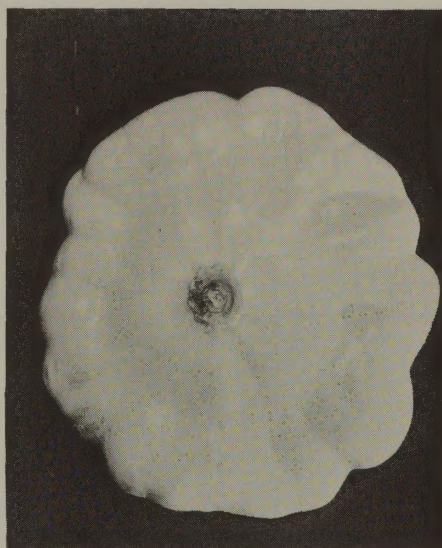
FERRY-MORSE SEEDS

Variety Name	Days	Plant Type	Leaf Type	Color	Seed
Viroflay. Similar to Morse's Dark Green Prickly Seeded. Used principally in California for canning and freezing.	42	Large, spreading	Large, smooth	Dark green	Round
Viroflay 99 M.R. Fall and winter season in far west. Resistant to Downy Mildew. Developed by U.S.D.A.	37	Large, erect	Smooth, large	Medium green	

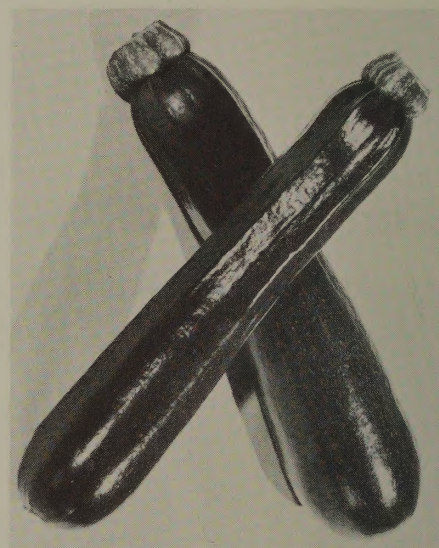
SQUASH – SUMMER *Cucurbita spp.*



Caserta



Early Green Bush Scallop



Dark Green Zucchini

Variety Name	Days	Size at Picking (inches)	Shape	Color
Caserta. ALL-AMERICA SELECTION Early and prolific. Developed by University of Connecticut.	52	5–6	Cylindrical, slightly tapered	Grey-green mottled
Cocozelle, Long Type, Open Bush. Popular for home, market and shipping.	65	6–8	Cylindrical	Dark green with light stripes
Cozini. Market and canning.	58	6–8	Cylindrical	Very dark, glossy green
Early Bush Scallop, Green Type (Benning's Strain). Popular in west for market and home garden.	58	3–4 D	"Patty pan", scalloped	Pale green
 Early Bush Scallop, Green Type (FM Strain). Fruits are larger and lighter green than Benning's Strain.	53	5–6 D	"Patty pan", scalloped	Light green
 Early Prolific Straightneck. ALL-AMERICA SELECTION Very popular for home, market and shipping.	50	4–6	Tapered cylinder	Creamy yellow



LEFT – Cozini

RIGHT – Left to Right:
F1 Hybrid Hyrific
Yellow Summer
Crookneck Improved



SQUASH

FERRY-MORSE SEEDS

Variety Name	Days	Size at Picking (inches)	Shape	Color
Early White Bush Scallop. Popular in east for market and home garden.	60	4 D	Flat, "patty pan", scalloped	Pale green-white
Yellow Summer Crookneck. Used for home, market and shipping. Smooth skin.	55	5-7	Curved neck	Lemon yellow
Yellow Summer Crookneck, F.M. Strain. Reselected for commercial freezing.	55	5-7	Curved neck	Lemon yellow
Zucchini. Used for home and market.	65	6-8	Almost cylindrical	Medium green with grayish mottling
Zucchini, Dark Green. Popular for market and home garden.	60	6-8	Cylindrical	Rich, dark green, smooth
F₁ HYBRIDS				



Hyrific. Early, productive. For market and home garden. High quality, attractive, uniform fruits.

56

5-6

Long, smooth, slightly curved neck

Bright, creamy yellow



Zucco. Market and home garden. Has consistently out-yielded open pollinated types. Its hybrid vigor keeps plants bearing under adverse weather conditions.

55

6-7

Nearly cylindrical, blunt ends

Glossy, dark green, lighter green flecking



Zucco



Buttercup

AUTUMN & WINTER

Hybrid or Variety Name	Days	Size (inches)	Shape	Rind
Buttercup (C. Maxima). Flesh deep golden yellow. Home garden. Many claim this is the best flavored winter squash.	100	6-8	Flattened turban, dark green, faintly striped dull green.	Thin, hard

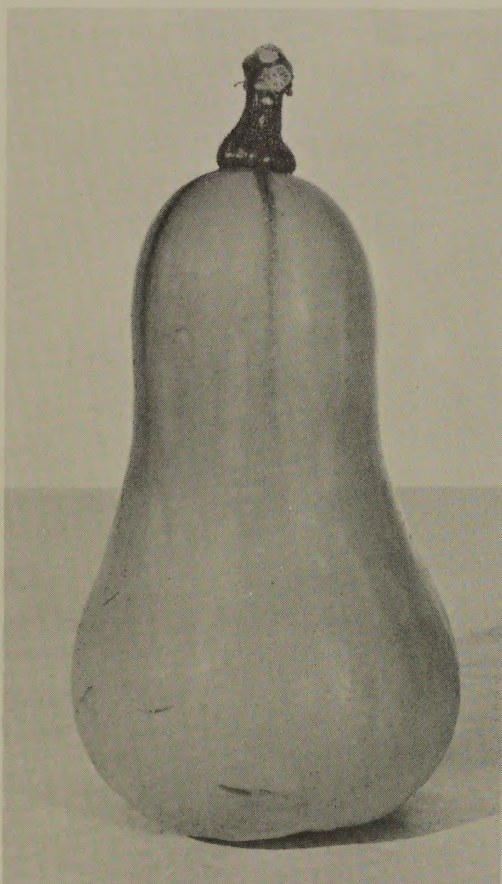
We warrant to the extent of the purchase price that seeds we sell are as described by us on our container within recognized tolerances. Our liability, whether contractual or otherwise, is limited in amount to the purchase price of the seeds under all circumstances and regardless of the nature, cause or extent of the loss. Seeds not accepted under these terms and conditions must be returned at once in original unopened containers and the purchase price will be refunded.

CONDITIONED SEEDS

We pack certain high value seed in sealed containers which protect it against damage from extreme heat and humidity. Before packing, such seeds must be slowly and carefully dried to a level well below that of field-dried seeds. Conditioned seed respires at a very slow rate, so that being sealed in does not harm it.

Bulky seeds are packed in porous containers that allow them to maintain a state of equilibrium with surrounding air in the storage area. Seed moisture content fluctuates up and down to a certain degree, as humidity varies. You should take care that seeds are kept as cool and dry as possible (but not in moist cold storage).

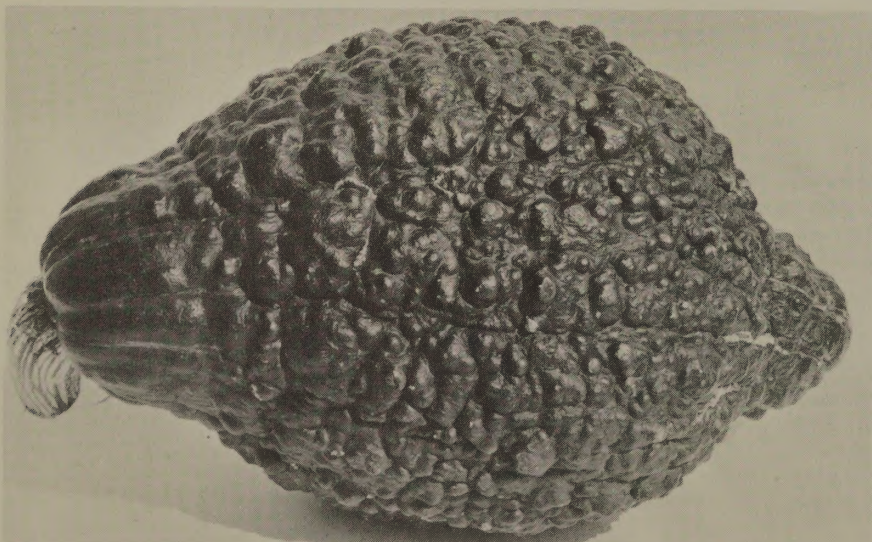
Variety Name	Days	Size (inches)	Shape	Rind
Butternut Improved (<i>C. moschata</i>). Small seed cavities in belled ends. Market and home garden. Fine grained flesh of excellent flavor and quality. Seldom damaged by vine borers.	95	9 L 3½ D	Smooth, cylindrical, belled blossom ends	Thin, hard
 Ebony Acorn (<i>C. pepo</i>). Very prolific. For market, shipping and home garden.	80	5½ x 5½	Round, acorn	Very dark, glossy, blackish green
Golden Delicious (<i>C. maxima</i>). Flesh thick, orange, high quality. Canning.	100	7-8 L 8-10 base D	Broad top, fairly smooth	Thin, moderately hard
Hubbard . (<i>C. maxima</i>). Home and market.	105	12 L 9-10 D	Globular, pointed ends	Dark bronze-green, hard, coarsely warted
Table Queen (<i>C. pepo</i>). Market. Hard shell fruits keep well. Flesh light yellow.	85	5½-6 L 5 D	Pointed, acorn, ridged	Smooth, dark green, thin

UPPER LEFT -
*Butternut*LOWER LEFT -
*Hubbard*UPPER RIGHT -
*Ebony Acorn*LOWER RIGHT -
Golden Delicious

(L) Length

(D) Diameter

Days to maturity are based on averages of data from our midwestern Research Stations.



*Starred varieties are mostly used in west coast and intermountain areas.

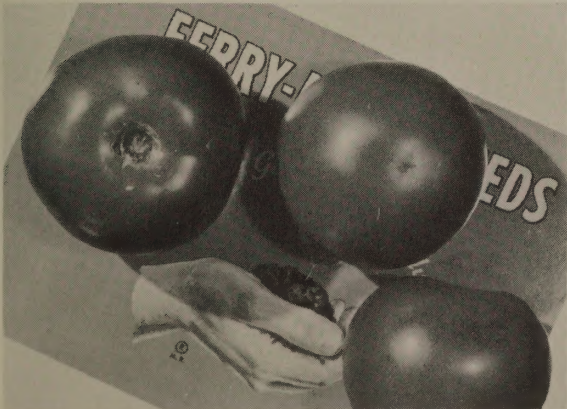
Det. — Determinate Ind. — Indeterminate

Hybrid or Variety Name	Maturity	Vine Type	Fruit Shape	Fruit Size Color — Type	Disease Resistance
* Ace. Canning and fresh market. Developed by Campbell Soup Co.	Med. early	Med. large, det.	Semi-globe	Large, uniform red	
Bradley. Considered an experimental variety at this date. Should be staked. Developed by Univ. of Arkansas.	Med.	Ind.	Shallow globe	Med. to large, green base but pink when mature	Fusarium
C52. Processing variety for east and midwest. Developed by Libby, McNeill and Libby.	Med.	Det., compact	Globe	Med., uniform red	Fusarium
* CPC 2. Principal use — canning, Cali- fornia. Developed by Calif. Packing Corp.	Med. early	Med., det.	Shallow globe	Large, uniform red	Fusarium, Verticillium
Chico. For processing. Experimental so far. Adapted to S. Texas. Developed by Texas A.E.S.	Med.	Det.	Pear, long, straight, slightly belled	Small, uniform red	Fusarium, Grey Leaf Spot
 Earliana 498. Home garden, local market.	Early	Med., ind.	Thick, flat	Red, med. size, green base	
 * Early Pak No. 7. Canning, shipping and home garden.	Med. early	Med. large, det.	Deep globe	Med. to large, red (green base)	
Floralou. Formerly STEP 346. Developed by Florida A.E.S.	Med.	Large, ind.	Globe	Large, red (green base)	Fusarium, Grey Leaf Spot, 4 races leafmold. Mod.res. Early Blight
 F₁M Hybrid Jim Dandy. Home garden, market where large fruits desired.	Med.	Med., ind.	Globe	Large, red (green base)	Fusarium tolerant
 * F₂M 428 V.F. Canning and shipping.	Med.	Med. large, det.	Globe	Med. to large, red (green base)	Verticillium, Fusarium

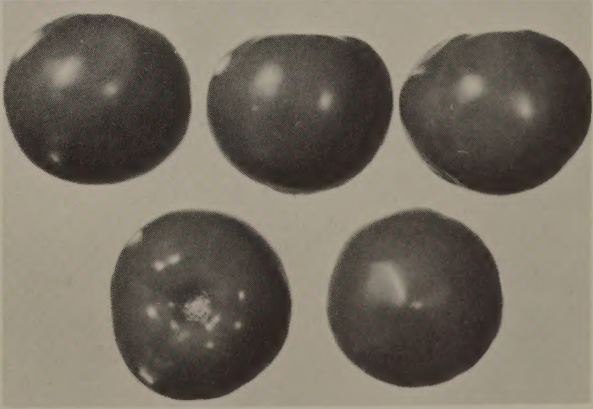
Early Pak No. 7



F₁M Hybrid Jim Dandy



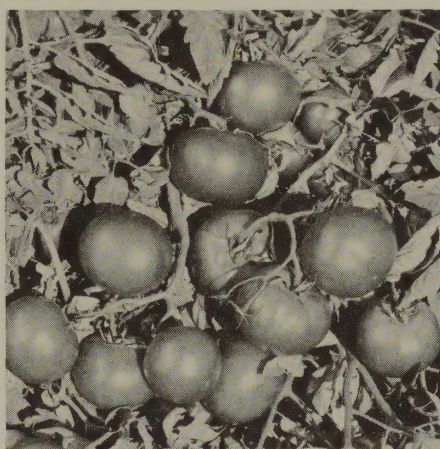
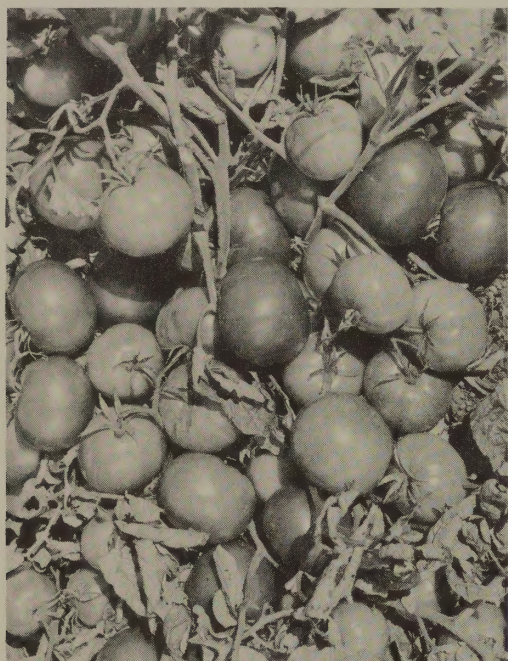
Manapal



Homestead Elite

*Starred varieties are mostly used in west coast and intermountain areas.

Hybrid or Variety Name	Maturity	Vine Type	Fruit Shape	Fruit Size Color—Type	Disease Resistance
 *F ₂ M 637 V.F. Processing — Pacific Coast.	Med. early	Det.	Semi-globe	Large, red (green base)	Verticillium, Fusarium
 *F ₂ M 686 V.F. Good for processing in California.	Med.	Large, det.	Flattened globe	Large, smooth, red (green base)	Verticillium, Fusarium
 *F ₂ M 689 V.F. Good California processing type.	Med.	Large, det.	Flattened globe	Large, smooth, red	Verticillium, Fusarium



LEFT — F₂M 637 V.F.

CENTER — F₂M 689 V.F.

RIGHT — F₂M 686 V.F.

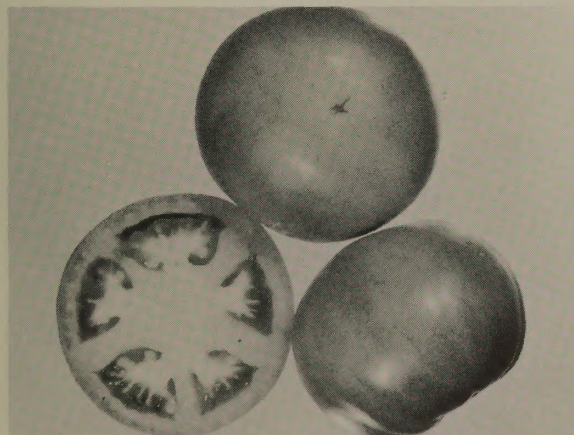
 Foremost E-21. Fruits maintain size well. Home and local market. Our leading variety for home garden use.	Med.	Large, ind.	Globe	Large, smooth, red (green base), notably crack & scar free	
Glamour. Eastern canning, home garden and market.	Med. early	Med. large, ind.	Globe	Med., uniform red	Fusarium
 Gulf State Market Supreme. Popular as a pink shipper in the south.	Med.	Ind.	Globe	Large, red (green base), mature fruit pink	
Heinz 1350. Early processing type.	Early med.	Compact, det.	Deep globe	Med., uniform red	
Heinz 1370. Good production about a week later than Heinz 1350.	Med.	Compact, det.	Deep globe	Med., uniform red	
 Homestead Elite. Shipping — Fla., Tex., other southern states, & Mexico.	Med.	Det.	Med. globe	Large, red (green base)	Fusarium
 Homestead F-M 61. Popular shipping variety Fla., Tex., other southern states and Mexico.	Med.	Det.	Med. globe	Large, red (green base)	Fusarium
Homestead 24. Shipping — Fla., Tex., other southern states and Mexico.	Med.	Det.	Med. globe	Large, red (green base)	Fusarium
Indian River. Shipping — ground culture or staking. Developed by Fla. A.E.S. Formerly STEP 274.	Med.	Ind.	Long globe	Med. to large, red (green base)	Fusarium, Grey Leaf Spot, Early Blight

TOMATO

FERRY-MORSE SEEDS

Det. — Determinate Ind. — Indeterminate

Hybrid or Variety Name	Maturity	Vine Type	Fruit Shape	Fruit Size Color — Type	Disease Resistance
 *J. Moran. California canning and shipping variety.	Late	Large, det.	Flattened	Large, red (green base)	
Manalucie. Principally used as a pink shipper — Fla., Mex. Developed by Florida A.E.S.	Med. late	Ind.	Long globe	Large, red (green base)	Fusarium
Manapal. Shipping — mature-green and vine-ripe. Formerly STEP 314. Developed by Fla. A.E.S.	Med.	Med. large, ind.	Globe	Med. large, red (green base)	Fusarium, Grey Leaf Spot, Early Blight and Greywall
Marglobe Supreme Improved. Shipping — Mex., eastern canner, shipper.	Med.	Med. large, ind.	Globe	Med. large, red (green base)	Fusarium
Marion. Shipping, suitable for stake or ground culture. Developed by Clemson Exp. Station.	Med.	Large, ind.	Slightly flattened globe	Large, red (green base)	Fusarium, Grey Leaf Spot, Early Blight tolerant
*Mechanical Harvester V.F. 145-21-4. Developed by Univ. of Calif. for mechanical harvesting. Processing.	Early	Compact, det., small	Elongated globe	Small, uniform red	Verticillium, Fusarium
*Mechanical Harvester V.F. 145-22-8. Processing. Developed by Univ. of Calif. for mechanical harvesting.	Early	Compact, det., small	Elongated globe	Small, uniform red	Verticillium, Fusarium
*Mechanical Harvester V.F. 145-22. Canning. Developed for mechanical harvest by Univ. of Calif.	Early	Small, det.	Long globe, slightly pointed blossom end	Small, uniform red	Verticillium, Fusarium
*Mechanical Harvester V.F. 145 Lot B. Canning. Developed for mechanical harvest by Univ. of Calif.	Early	Small, det.	Long globe, slightly pointed blossom end	Small, red (green base)	Verticillium, Fusarium
*Pearson Improved. California canning and shipping variety.	Late	Large, det.	Flattened globe	Large, red (green base)	
*Pearson A-1. Canning — Pacific Coast.	Late	Large, det.	Flattened globe	Very large, red (green base)	Verticillium
 *Pearson A-1 Improved. An improved selection with slightly deeper fruit, smoother than A-1.	Late	Large, det.	Flattened globe	Large, red (green base)	Verticillium



LEFT — Homestead F-M 61

RIGHT — Foremost E-21

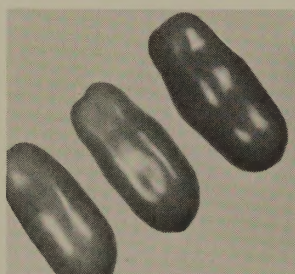


Det. — Determinate Ind. — Indeterminate

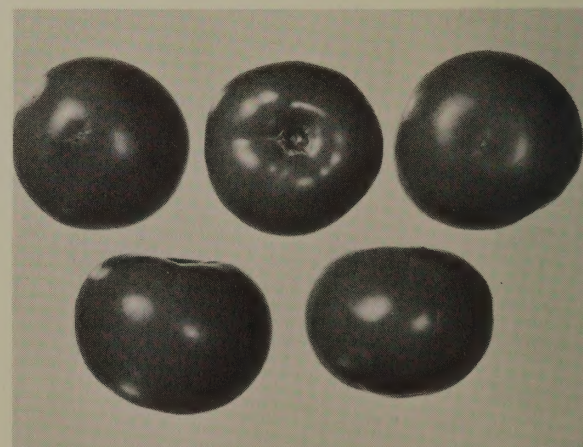
Hybrid or Variety Name	Maturity	Vine Type	Fruit Shape	Fruit Size Color — Type	Disease Resistance
Pinkdeal. Sets fruit under high temperature. Formerly STEP 329. Developed by Texas A.E.S.	Med.	Ind.	Globe	Red (light green base)	Fruit cracking, mod. res. Fusarium
Ponderosa (Red). Home garden for large tomatoes. Does not set well where nights are cool.	Late	Large, ind.	Flattened	Very large, red (green base)	
Pritchard (Scarlet Topper). ALL-AMERICA SELECTION Shipping, market and home garden.	Med.	Med. large, det.	Globe	Large, red (green base)	Tolerant to Fusarium, Nail-head Rust
*Red Cherry Large. Widely used for shipping, salad & cocktail tomatoes.	Early med.	Very large, ind.	Globe	Very small, red (green base)	
Red Top. Paste type developed by Cornell Univ. Exp. Station.	Early med.	Small, det.	Long oval	Small, red	
Roma. Paste type developed by U.S.D.A.	Early med.	Small, det.	Deep oval	Small, red	Fusarium
Rutgers—F.M. Select. Eastern—canning & shipping. Originally developed by Rutgers Univ.	Med.	Large, ind.	Globe	Large, red (green base)	Fusarium tolerant
*San Marzano, Large Fruited. Ideal for paste. Mild and dry.	Med.	Large, ind.	Nearly oblong, 3½" L x 1½" D	Med., red	
Tecumseh. Resistant Urbana type. East and midwest for processing. Developed by Purdue Univ.	Med.	Med. small, det.	Flattened globe	Med., red (green base)	Fusarium, Grey Leaf Spot
Urbana. ALL-AMERICA SELECTION Very productive, stands close planting. East & midwest processing. Developed by Illinois A.E.S.	Med.	Med. small, det.	Flattened globe	Med., red (green base)	
Valiant. An early home & market garden variety.	Early med.	Med. large, det.	Globe	Med. to large, red (green base)	
*V.F. 14. Sets fruits under high temperatures. Popular canning variety in Calif. Developed by Univ. of Calif.	Med. early	Med., det.	Shallow globe	Large, uniform red	Verticillium, Fusarium
*V.F. 36. Widely used in far west for canning & shipping. Developed by Univ. of Calif.	Med. early	Med., det.	Globe	Large, red (green base)	Verticillium, Fusarium
*V.F. 1402. Developed by Campbell Soup Co. Principal use canning—Calif.	Med.	Large, det.	Globe	Large, uniform red	Verticillium, Fusarium



San Marzano, large fruited



V. Marzano P-4



Mech. Harvester VF 145-22

*Starred Varieties are mostly used in west coast and intermountain areas.

Hybrid or Variety Name	Maturity	Vine Type	Fruit Shape	Fruit Size Color—Type	Disease Resistance
* V. Marzano P-4. A larger fruited Red Top 9 type used for processing far west. Selected from material received from Univ. of Calif.	Early med.	Med. large, det.	Small, elongated (straight sides). Most have slightly pointed ends.	Small, red (green base)	Verticillium
* V. Red Top No. 9. Very productive & concentrated. Processing paste & puree. Developed by Univ. of Calif.	Early med.	Med., det.	Small, elongated, nearly pear shape	Small, uniform red	Verticillium

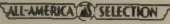
TURNIP *Brassica rapa*

Variety Name	Days	Diameter (inches)	Shape	Skin Color	Flesh Color
Purple Top White Globe. The standard home, market garden and shipping variety. Roots remain in good condition until quite large.	55	4	Globe	White, purple top	White
Seven Top. A foliage type for greens only.	45	- - -	Roots large, rough, not edible	- - - - -	- - - - -
Shogoin. Used for small roots and early greens. Seldom bothered by aphids.	42	2-2½	Semi-globe	White	White

RUTABAGA *Brassica napobrassica*

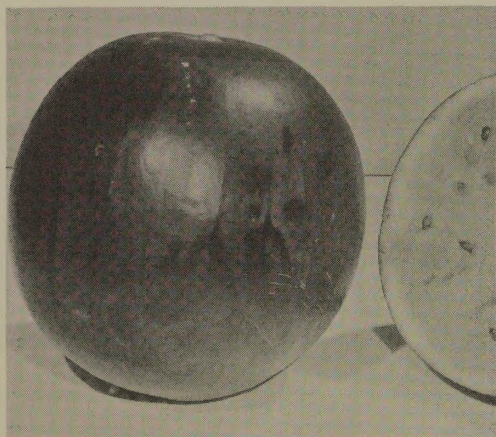
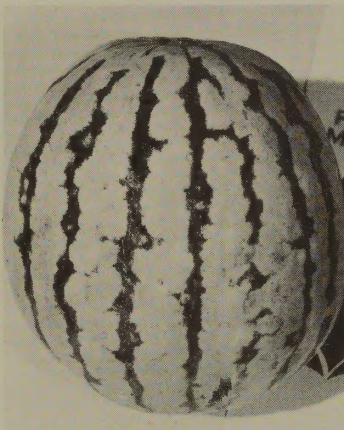
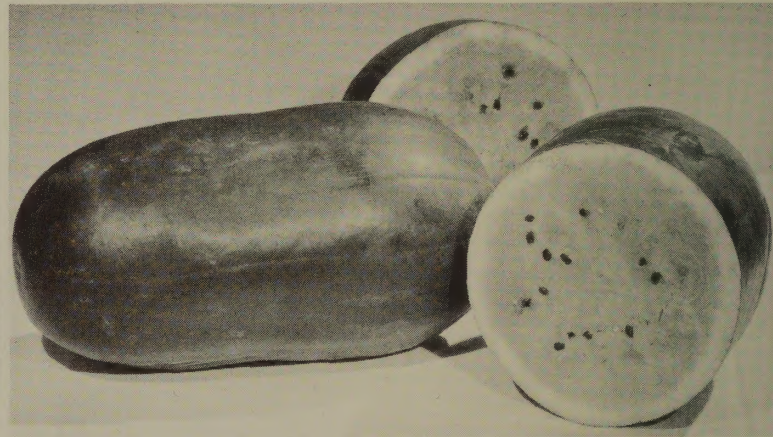
American Purple Top. Widely used for market and for storage. Plant after midsummer except in Alaska.	90	4-5	Spherical	Light amber with purplish red tops	Pale yellow
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WATERMELON *Citrullus vulgaris*

Variety Name	Days	Lbs.	Shape	Rind	Flesh
Black Diamond (Yellow Belly). Shipping & home garden. An old favorite variety.	95	35	Nearly round	Smooth, dk. green background, yellow under-surface	Red, crisp
Charleston Gray. Resistant to Anthracnose & Fusarium. Popular shipper in south. Recently developed by U.S.D.A.	85	30	Oblong, rounded ends	Lt., faint green veining, tough	Bright red, good quality
Congo.  Tolerant to Anthracnose. Shipper used in south. Recently developed by U.S.D.A.	90	30	Oblong, blocky	Med. dk. green, dk. green stripes, tough	Firm, bright red, sweet
Crimson Sweet. Resistant to Fusarium & Anthracnose. Developed by Kansas State Univ.	85	25	Round, blocky	Lt. green, dk. stripes	Deep red
Dixie Queen.W.R. Used in south for shipping and home garden. Wilt resistant.	85	40	Oval	Lt. green, darker green stripes, not tough enough for long distance shipping	Deep red, crisp
Florida Giant. An all-purpose melon, popular for many years.	95	40	Nearly round	Dk. green, slight bloom, smooth, tough	Red, firm, crisp
Garrisonian. Resistant to Anthracnose. Used for shipping. Developed by U.S.D.A.	85	35	Long	Lt., broad dk. stripes, tough	Bright red, sweet

Days to maturity are based on averages of data from our midwestern Research Stations.

Variety Name	Days	Lbs.	Shape	Rind	Flesh
Graybelle. Resistant to Anthracnose and Sunburn. Firm flesh. An intermediate size melon with exceptionally firm flesh that keeps well. Recently developed by U.S.D.A.	85	15	Round oval	Pale green or grey, thin, moderately hard	Red
Irish Grey. Valuable for distance shipping.	90	30-35	Oblong	Lt. greyish green, hard, tough	Bright red, good quality
Klondike Black Seeded. Home garden. Very fine eating quality.	85	25	Oblong, slightly flattened ends	Dk. green	Dk. pink

*Sugar Baby**Dixie Queen**Peacock Improved*

Klondike R7 (W.R.). Resistant to Fusarium.	87	25	Oblong	Dk. green	Red
Klondike, Striped. Market and shipping in Calif.	85	20-25	Oblong, blocky	Lt. green, dk. green stripes, thin	Red, crisp, fine quality, high sugar
Klondike, Striped Blue Ribbon (W.R.) Resistant to Fusarium. Market & shipping in Calif.	85	27	Oblong	Lt. green, dk. stripes	Dk. pink
Peacock Improved. Widely used for shipping in Calif. and Arizona.	90	25	Oblong, rounded to blocky	Dk. green, med. thick, tough	Dk. orange red, firm, sweet
Shipper. High resistance to Fusarium. Recently developed by Mississippi State Univ.	85	30	Round to slightly oblong	Dk. green	Deep red, firm
Sugar Baby. Local market & shipping — small sizes. Is replacing New Hampshire Midget & Market Midget. Developed by M. Hardin, Geary, Okla.	80	8	Round to short oval	Very dk., faintly striped darker green, tough	Bright red, sweet, fine texture
Tom Watson. Popular home garden, market & shipping melon. Grows to very large size on rich soil.	90	40	Oblong, cylindrical	Dk. green, fine veining darker green, tough	Bright red, crisp



JIFFY POTS AND JIFFY STRIPS

Ferry-Morse warehouses carry ready stocks of all sizes of Jiffy Pots (square or round). We also have Jiffy Strips, multiples of pots molded into a strip unit for faster handling.

Jiffy Pots provide a proven means of transplanting without shock or root disturbance. Much has been learned from commercial greenhouse and field plantings that can help you economize on handling, minimize field loss, and realize earlier crop maturity. Ask your Ferry-Morse representative.

VEGETABLE PLANTING INFORMATION

VEGETABLE	Approx.* Seeds Per Ounce	SEED REQUIRED			PLANTING DISTANCE		Depth of Planting (Inches)	REFERENCE TABLE			
		For 100 ft. Row Seeded Direct	Per Acre		Apart in Row (After Thinning	Between Rows		Number of Plants to the Acre at Given Distances			
			Trans- planted	Seeded Direct				Distance Apart	No.Plants	Distance Apart	No. Plants
Asparagus	750	1 oz.	1 lb.	6 lbs.	18 to 36 in.	24 to 48 in.		12 x 1 in. ...	522,720	36 x 36 in. ...	4,840
Bean, Bush	115	1 lb.		60 lbs	2 to 4 in.	18 to 24 in.	1 to 2 in.	12 x 3 in. ...	174,240	42 x 42 in. ...	12,446
Bean, Pole	115	1/2 lb.		30 lbs.	6 to 8 in.	36 to 48 in.	1 to 2 in.	12 x 12 in. ...	43,560	42 x 24 in. ...	6,223
Beet and Swiss Chard)	1,644	1 oz.		10 to 16 lbs.	1 to 4 in.	18 to 24 in.	3/4 to 1 in.	16 x 1 in. ...	392,040	42 x 36 in. ...	4,148
Broccoli	8,900	1/4 oz.	4 oz.	2 lbs.	18 to 24 in.	24 to 40 in.	1/2 in.	18 x 1 in. ...	348,480	48 x 12 in. ...	10,890
Brussels Sprouts	8,900	1/4 oz.	4 oz.	2 lbs.	18 to 24 in.	18 to 36 in.	1/2 in.	18 x 3 in. ...	116,160	48 x 18 in. ...	7,790
Cabbage	8,900	1/4 oz.	4 oz.	2 lbs.	12 to 24 in.	24 to 36 in.	1/2 in.	18 x 12 in. ...	29,040	48 x 24 in. ...	5,445
Cantaloupe and Melon	1,200	1/2 oz.		3 lbs.	2 to 3 ft.	6 to 8 ft.	1 to 2 in.	18 x 18 in. ...	19,360	48 x 30 in. ...	4,356
Carrot	23,000	1/2 oz.		3 lbs.	1 to 3 in.	18 to 24 in.	1/2 in.	20 x 1 in. ...	313,635	48 x 36 in. ...	3,630
Cauliflower	8,900	1/4 oz.	4 oz.	2 lbs.	18 to 24 in.	24 to 30 in.	1/2 in.	20 x 20 in. ...	15,681	48 x 48 in. ...	2,723
Celery	71,000	1/4 oz.	4 oz.	1 lb.	4 to 8 in.	20 to 48 in.	1/8 in.	24 x 1 in. ...	261,360	60 x 36 in. ...	2,901
Corn, Sweet	125-150	1/4 lb.		10 lbs.	4 to 6 in.	30 to 48 in.	1 to 2 in.	24 x 18 in. ...	15,520	60 x 48 in. ...	2,178
Cucumber	1,000	1/2 oz.		3 lbs.	1 to 3 ft.	3 to 6 ft.	1 to 2 in.	24 x 24 in. ...	10,890	60 x 60 in. ...	1,743
Dill	22,720			5 lbs.	4 to 8 in.	18 to 36 in.		30 x 1 in. ...	209,088	8 x 1 ft. ...	5,445
Eggplant	6,400	1/8 oz.	4 oz.	2 lbs.	18 to 24 in.	24 to 30 in.	1/4 to 1/2 in.	30 x 6 in. ...	34,848	8 x 3 ft. ...	1,815
Endive	26,600	1 oz.	1 lb.	4 lbs.	8 to 12 in.	18 to 24 in.	1/2 in.	30 x 12 in. ...	17,424	8 x 8 ft. ...	680
Fennel	7,711			3 lbs.	4 to 12 in.	24 to 40 in.		30 x 16 in. ...	13,068	10 x 1 ft. ...	4,356
Kale	8,900	1/4 oz.		3 lbs.	18 to 24 in.	24 to 36 in.	1/2 in.	30 x 20 in. ...	10,454	10 x 6 ft. ...	726
Kohlrabi	8,900	1/4 oz.	1 lb.	4 lbs.	3 to 6 in.	12 to 24 in.	1/2 in.	30 x 24 in. ...	8,712	10 x 10 ft. ...	435
Leek	9,600	1/2 oz.		4 lbs.	2 to 4 in.	12 to 42 in.	1/2 to 1 in.	30 x 30 in. ...	6,970	12 x 1 ft. ...	3,630
Lettuce	25,000	1/2 oz.	1 lb.	3 lbs.	4 to 14 in.	12 to 18 in.	1/2 in.	30 x 3 in. ...	58,080	12 x 5 ft. ...	736
Mustard	17,600	1/4 oz.		4 lbs.	4 to 8 in.	12 to 24 in.	1/4 in.	36 x 12 in. ...	14,520	12 x 12 ft. ...	302
Okra	530	2 oz.		8 lbs.	12 to 24 in.	24 to 36 in.	1 in.	36 x 18 in. ...	9,680	16 x 1 ft. ...	2,722
Onion	9,600	1 oz.		4 lbs.	2 to 4 in.	18 to 30 in.	1/2 to 1 in.	36 x 24 in. ...	7,260	16 x 16 ft. ...	170
Parsley	18,000	1/4 oz.		3 lbs.	4 to 8 in.	12 to 18 in.	1/8 in.				
Parsnip	12,162	1/2 oz.		3 lbs.	3 to 4 in.	18 to 24 in.	1/4 to 1/2 in.				
Peas, Garden	85	1 lb.		80 to 120 lbs.	1 to 3 in.	24 to 36 in.	1 to 2 in.				
Pepper	4,700	1/8 oz.	4 oz.	2 lbs.	15 to 18 in.	18 to 30 in.	1/4 to 1/2 in.				
Pumpkin	115	1/2 oz.		4 lbs.	3 to 4 ft.	8 to 12 ft.	1 to 2 in.				
Radish	2,100	1 oz.		10 lbs.	1 in.	12 to 18 in.	1/4 to 1/2 in.				
Rutabaga	12,100	1/4 oz.		2 lbs.	6 to 8 in.	18 to 24 in.	1/2 to 1 in.				
Salsify	1,871	1 oz.		8 lbs.	2 to 4 in.	18 to 24 in.	1/2 to 1 in.				
Spinach	2,800	1 oz.		15 lbs.	3 to 6 in.	12 to 18 in.	1/2 to 1 in.				
Squash, Summer	113	1/2 oz.		4 lbs.	3 to 4 ft.	3 to 4 ft.	1 to 2 in.				
Squash, Winter	400	1/2 oz.		2 lbs.	3 to 4 ft.	6 to 9 ft.	1 to 2 in.				
Tomato	11,400	1/8 oz.	2 oz.	2 lbs.	2 to 6 ft.	3 to 7 ft.	1/4 to 1/2 in.				
Turnip	15,200	1/2 oz.		2 lbs.	3 to 4 in.	12 to 24 in.	1/4 to 1/2 in.				
Watermelon	300	1 oz.		3 lbs.	2 to 3 ft.	6 to 8 ft.	1 to 2 in.				

APPROXIMATE NUMBER OF FEET PER ACRE
AT GIVEN DISTANCES

Dis.between rows	Feet of row	Dis.between rows	Feet of row
18 in.	29,010	36 in.	14,526
24 in.	21,758	42 in.	12,439
30 in.	17,427	48 in.	10,853

APPROXIMATE NUMBER OF FEET PER ACRE AT GIVEN DISTANCES

Dis. between rows Feet of row		Dis. between rows Feet of row	
18 in.	29,010	36 in.	14,526
24 in.	21,758	42 in.	12,439
30 in.	17,427	48 in.	10,853

*May vary considerably.

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